DRAWING INDEX

SHEET NAME				DRAWING NUMBER						REVISION	
CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.DRAWING LIST STATION PLANS	93M	0410	SEN	000PW	END	85000	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.MODEL VIEW	93M	0410	SEN	000PW	END	85005	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.SITE PLAN	93M	0410	SEN	000PW	END	85006	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.GROUND LEVEL	93M	0410	SEN	000PW	END	85007	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL	93M	0410	SEN	000PW	END	85008	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL	93M	0410	SEN	000PW	END	85009	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.ROOF LEVEL	93M	0410	SEN	000PW	END	85010	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.ELEVATIONS	93M	0410	SEN	000PW	END	85011	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.SECTIONS 1	93M	0410	SEN	000PW	END	85012	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.SECTIONS 2	93M	0410	SEN	000PW	END	85013	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.3D VIEW	93M	0410	SEN	000PW	END	85014	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.SECTIONS 3	93M	0410	SEN	000PW	END	85015	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.INTERIOR ELEVATIONS 5	93M	0410	SEN	000PW	END	85024	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.GROUND LEVEL DIMENSIONS 1	93M	0410	SEN	000PW	END	85025	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.GROUND LEVEL DIMENSIONS 2	93M	0410	SEN	000PW	END	85026	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL DIMENSIONS 1	93M	0410	SEN	000PW	END	85027	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL DIMENSIONS 2	93M	0410	SEN	000PW	END	85028	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL DIMENSIONS 1	93M	0410	SEN	000PW	END	85030	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL DIMENSIONS 2	93M	0410	SEN	000PW	END	85031	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.FENCING DETAILS	93M	0410	SEN	000PW	END	85084	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.FENCING DETAILS	93M	0410	SEN	000PW	END	85085	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.FENCING DETAILS	93M	0410	SEN	000PW	END	85086	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.TOILET BLOW UP DETAILS	93M	0410	SEN	000PW	END	85251	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.TOM BLOW UP DETAILS	93M	0410	SEN	000PW	END	85252	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.SMO BLOW UP DETAILS	93M	0410	SEN	000PW	END	85253	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.PUMP ROOM BLOW UP DETAILS	93M	0410	SEN	000PW	END	85254	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.ABBREVIATIONS AND SYMBOLS	93M	0410	SEN	000PW	END	85324	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	STATION PLANS	CLOSED STATION PROTOTYPE 3.REFERENCE DRAWINGS	93M	0410	SEN	000PW	END	85325	A	2023/06/09

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

The Authority

Hill International
Authority Consultant

Main Contractor

Designer

KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE :

PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.DRAWING LIST STATION PLANS

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93M	-	0410	-	SEN	-	000PW	-	END	-	85000	-	A

DRAWING INDEX											
SHEET NAME				DRAWING NUMBER						REVISION	
CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.DRAWING LIST INTERNAL AND EXTERNAL ELEVATION	93M	0410	SEN	000PW	END	85001	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.INTERIOR ELEVATIONS 1	93M	0410	SEN	000PW	END	85020	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.INTERIOR ELEVATIONS 2	93M	0410	SEN	000PW	END	85021	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.INTERIOR ELEVATIONS 3	93M	0410	SEN	000PW	END	85022	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.INTERIOR ELEVATIONS 4	93M	0410	SEN	000PW	END	85023	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.FACADE DETAILS 1	93M	0410	SEN	000PW	END	85190	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.FACADE DETAILS 2	93M	0410	SEN	000PW	END	85191	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.FACADE DETAILS 3	93M	0410	SEN	000PW	END	85192	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	INTERNAL AND EXTERNAL ELEVATION	CLOSED STATION PROTOTYPE 3.FACADE DETAILS 4	93M	0410	SEN	000PW	END	85193	B	2023/06/09

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REFERENCE DRAWINGS :

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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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MINISTRY OF TRANSPORT
The Authority

Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

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DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
INTERNAL AND EXTERNAL ELEVATION
CLOSED STATION PROTOTYPE 3.DRAWING LIST INTERNAL AND EXTERNAL ELEVATION

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CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.DRAWING LIST FINISHING PLANS	93M	0410	SEN	000PW	END	85002	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.GROUND LEVEL FINISHES	93M	0410	SEN	000PW	END	85035	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL FINISHES	93M	0410	SEN	000PW	END	85036	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL FINISHES & ROOF MEP FINISHES	93M	0410	SEN	000PW	END	85037	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.STANDARD FLOOR DETAILS	93M	0410	SEN	000PW	END	85160	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.TPS FLOOR DETAILS	93M	0410	SEN	000PW	END	85161	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE GRANITE FLOOR PATTERN DETAIL	93M	0410	SEN	000PW	END	85162	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE GRANITE FLOOR PATTERN DETAIL	93M	0410	SEN	000PW	END	85163	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM GRANITE FLOOR PATTERN DETAIL	93M	0410	SEN	000PW	END	85164	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM GRANITE FLOOR PATTERN DETAIL	93M	0410	SEN	000PW	END	85165	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	FINISHING PLANS	CLOSED STATION PROTOTYPE 3.MASTER SHEET	93M	0410	SEN	000PW	END	85270	A	2023/06/09

NOTES :
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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KEY PLAN :

ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE :
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
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DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
FINISHING PLANS
CLOSED STATION PROTOTYPE 3.DRAWING LIST FINISHING PLANS

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CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.DRAWING LIST CEILING AND ROOF PLANS	93M	0410	SEN	000PW	END	85003	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.GROUND LEVEL RC PLAN	93M	0410	SEN	000PW	END	85039	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL RC PLAN 1	93M	0410	SEN	000PW	END	85040	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL RC PLAN 2	93M	0410	SEN	000PW	END	85041	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL RC PLAN 1	93M	0410	SEN	000PW	END	85042	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL RC PLAN 2	93M	0410	SEN	000PW	END	85043	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.STANDARD CEILING DETAILS	93M	0410	SEN	000PW	END	85170	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.STANDARD CEILING DETAILS	93M	0410	SEN	000PW	END	85171	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.STATION ROOF DETAILS 1	93M	0410	SEN	000PW	END	85210	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.STATION ROOF DETAILS 2	93M	0410	SEN	000PW	END	85211	B	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.BRIDGE ROOF DETAILS	93M	0410	SEN	000PW	END	85212	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.ROOF LIFELINE DETAILS	93M	0410	SEN	000PW	END	85214	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.MEP ROOF DETAILS	93M	0410	SEN	000PW	END	85215	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.MEP ROOF 0&M ACCESS DETAILS 1	93M	0410	SEN	000PW	END	85216	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	CEILING AND ROOF PLANS	CLOSED STATION PROTOTYPE 3.MEP ROOF 0&M ACCESS DETAILS 2	93M	0410	SEN	000PW	END	85217	A	2023/06/09

NOTES :
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REFERENCE DRAWINGS :

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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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KEY PLAN :

ORIGINAL FORMAT : A1
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REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.DRAWING LIST CEILING AND ROOF PLANS

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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85003	A

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SHEET NAME				DRAWING NUMBER						REVISION	
CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	ARCHITECTURE	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.DRAWING LIST ACCESSIBILITY, FIRE AND LIFE SAFETY	93M	0410	SEN	000PW	END	85004	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.GROUND FLOOR LEVEL ACCESSIBILITY	93M	0410	SEN	000PW	END	85050	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL ACCESSIBILITY	93M	0410	SEN	000PW	END	85051	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL ACCESSIBILITY	93M	0410	SEN	000PW	END	85052	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.GROUND LEVEL FLS OCCUPANCY	93M	0410	SEN	000PW	END	85060	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL FLS OCCUPANCY	93M	0410	SEN	000PW	END	85061	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL FLS OCCUPANCY	93M	0410	SEN	000PW	END	85062	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.GROUND LEVEL FLS EGRESS	93M	0410	SEN	000PW	END	85065	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL FLS EGRESS	93M	0410	SEN	000PW	END	85066	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL FLS EGRESS	93M	0410	SEN	000PW	END	85067	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.TPS WALLS FLS STRATEGY	93M	0410	SEN	000PW	END	85068	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.GROUND LEVEL FLS COMPARTMENTATION	93M	0410	SEN	000PW	END	85070	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL COMPARTMENTATION	93M	0410	SEN	000PW	END	85071	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL FLS COMPARTMENTATION	93M	0410	SEN	000PW	END	85072	A	2023/06/09
DETAILED DESIGN	FIRE & LIFE SAFETY	ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS	CLOSED STATION PROTOTYPE 3.EMERGENCY VEHICLE ACCESS	93M	0410	SEN	000PW	END	85075	A	2023/06/09

NOTES :
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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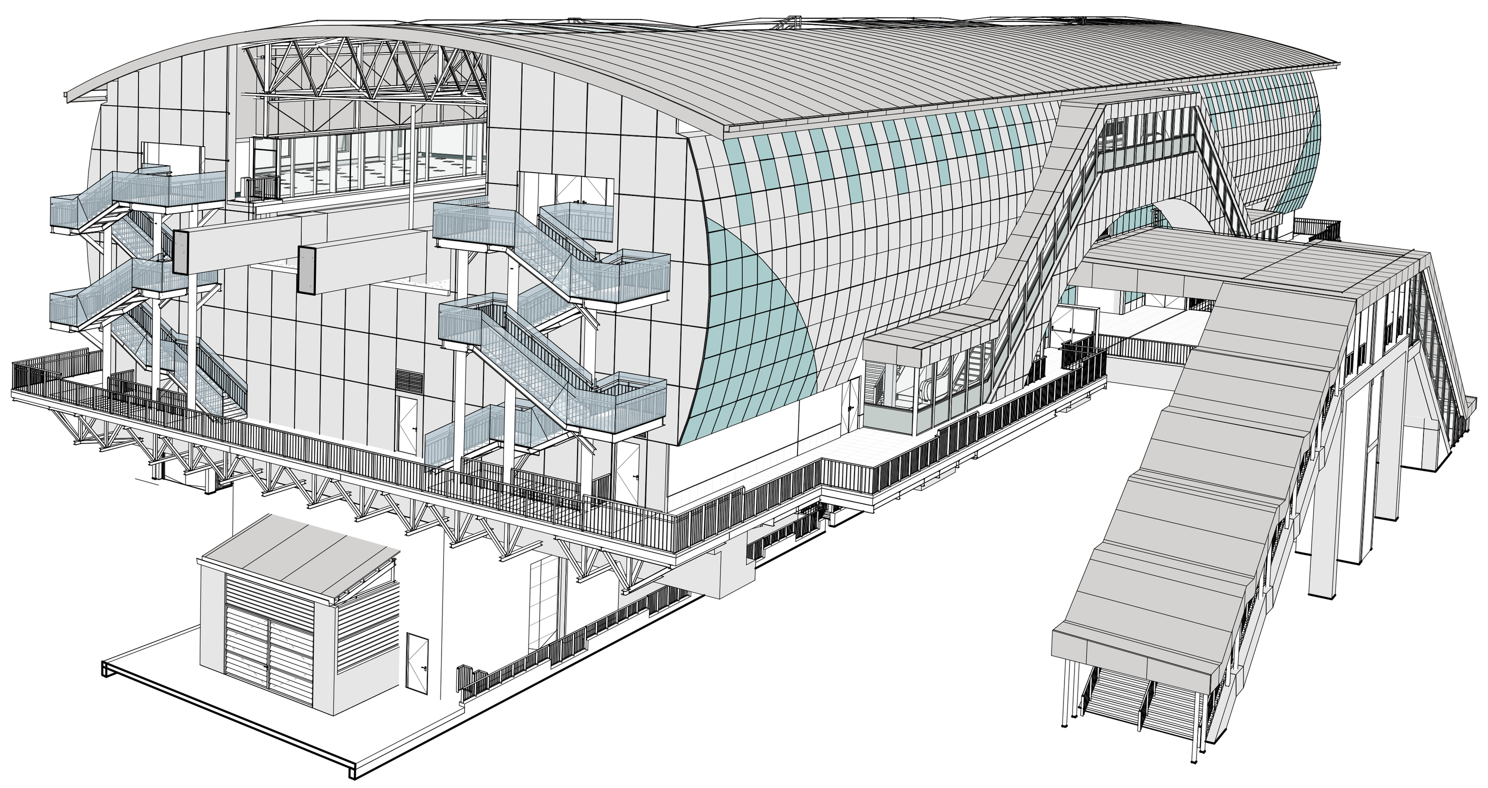
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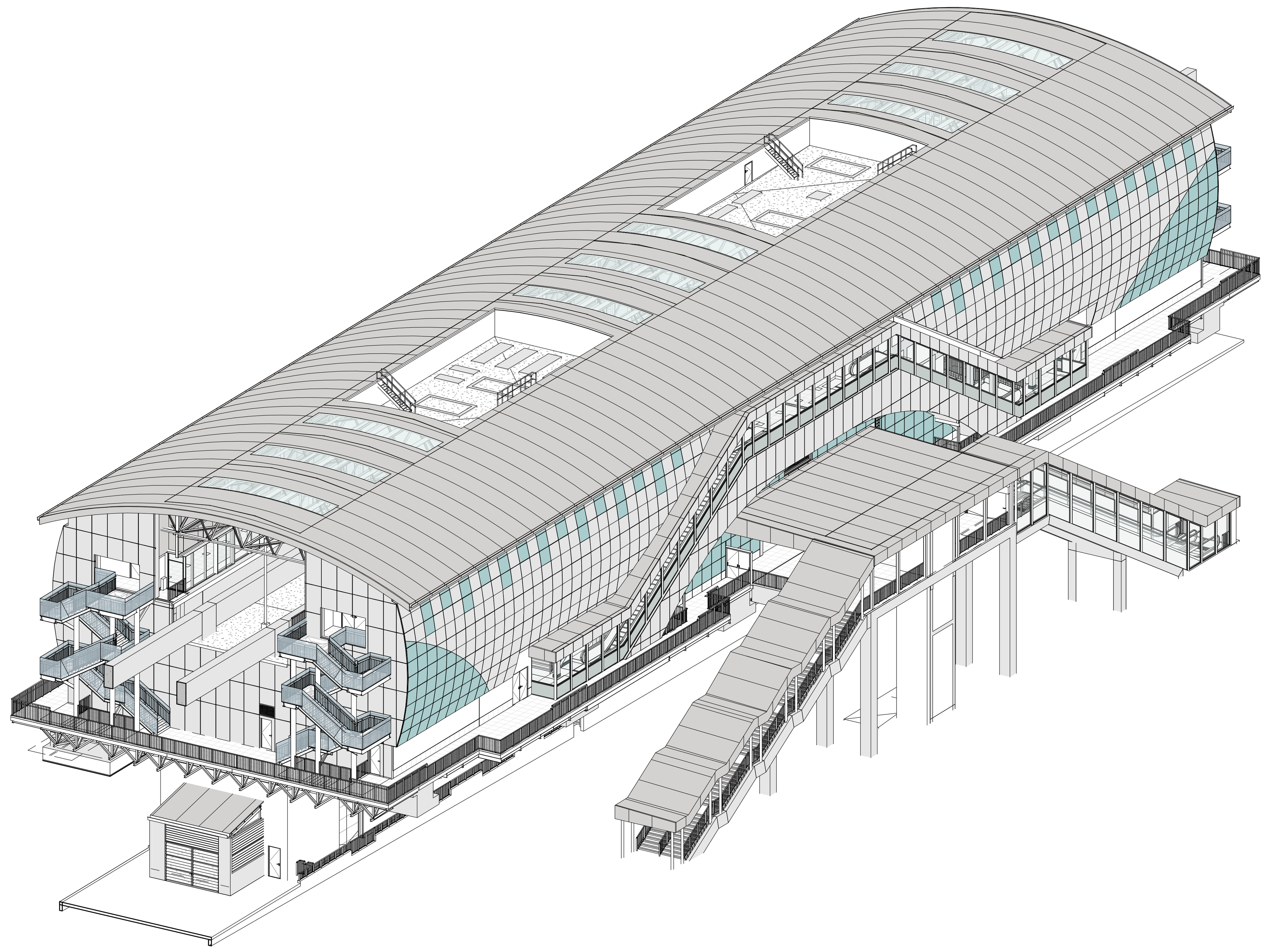
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PURPOSE OF ISSUE : FOR APPROVAL

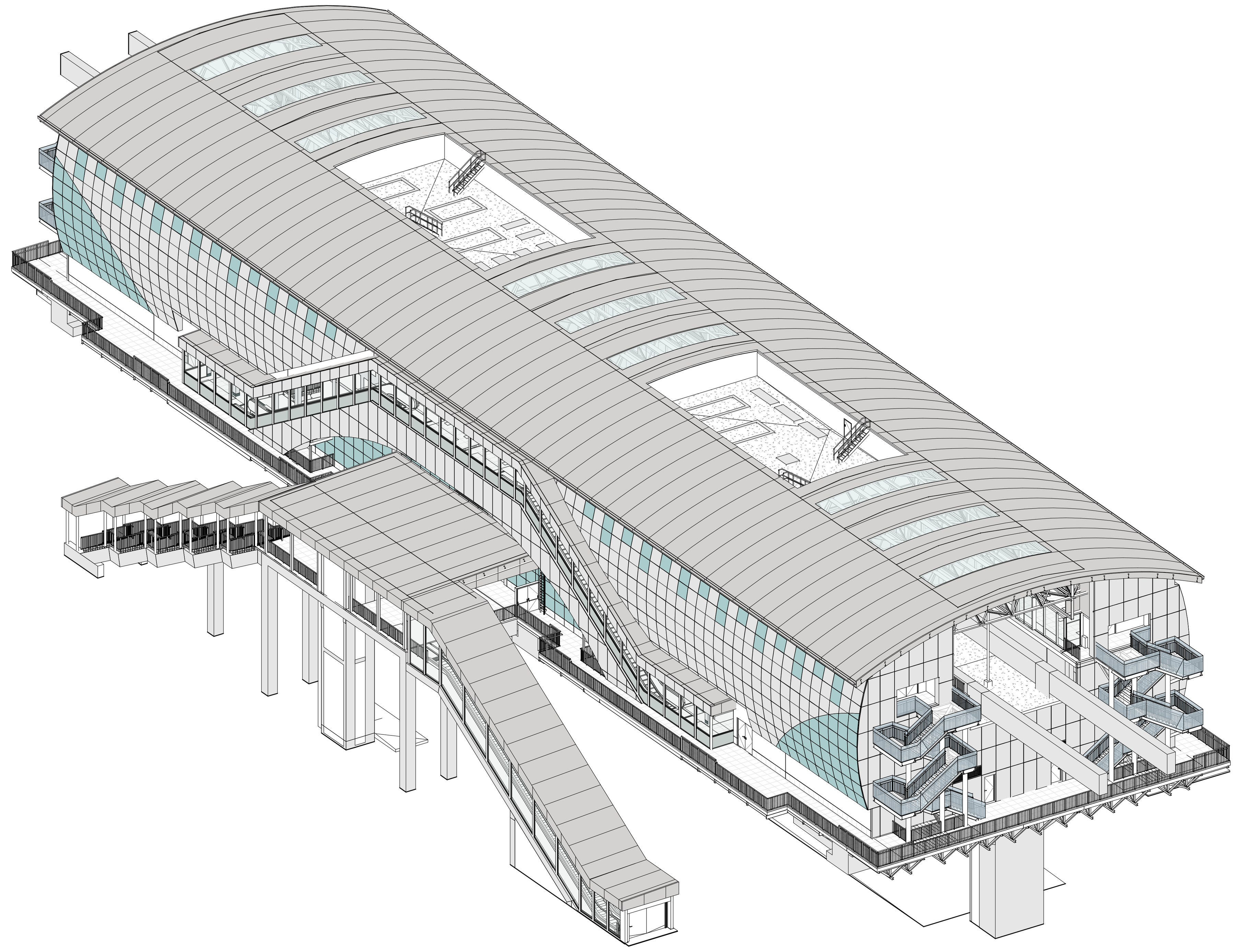
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A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

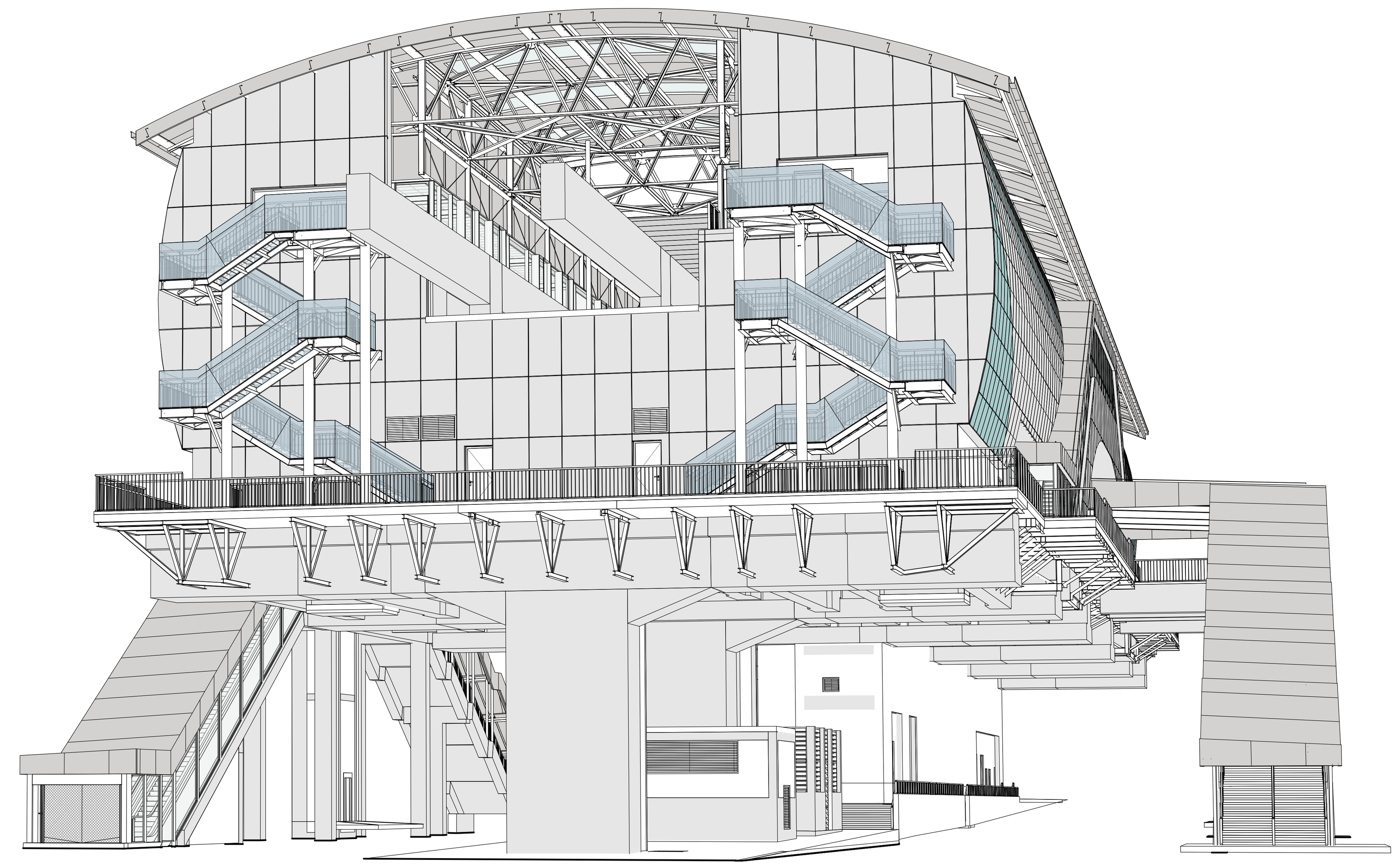
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ARCHITECTURE
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.DRAWING LIST ACCESSIBILITY, FIRE AND LIFE SAFETY

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85004	A









NOTES :

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KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE :


PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/05/12	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL
B	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :

DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.MODEL VIEW

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85005	B



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THIS IS A PROTOTYPICAL STATION. THE LANDING OF THE BRIDGES ARE SHOWN FOR REFERENCE ONLY.
A DETAILED SETTING OUT SET OF DRAWINGS WILL BE SUBMITTED FOR EACH LOCATION.

REFERENCE DRAWINGS :

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DATE : 2023/06/09
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DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.SITE PLAN

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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85006	A



ROOM SCHEDULE		
NUMBER	NAME	AREA
027a	CORRIDOR	24 m²
027b	CORRIDOR	26 m²
027c	CORRIDOR	91 m²
028	PS&D BATTERY ROOM	37 m²
029a	CLEAN AGENT	9 m²
029b	CLEAN AGENT	4 m²
029c	CLEAN AGENT	7 m²
029d	CLEAN AGENT	4 m²
034	TR	177 m²
035	UPS BPC	22 m²
039	BRAKE RESISTOR	24 m²
040	DIESEL GENERATOR & FUEL TANK	35 m²
042	TPS-I	95 m²
043	TPS-II	108 m²
052	CRAC OUTDOOR UNITS	40 m²
054	FIRE EQUIPMENT ROOM	4 m²
TOTAL		706 m²

DEPARTMENT LEGEND

- MEP AREA
- NON PUBLIC AREAS
- PUBLIC AREA
- Calculating...

- SIDEWALK LEVEL
- ASPHALT LEVEL

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* FOR CONTEXT PLANNING LEVELS AND DESIGN PLEASE REFER TO ACCES STAIRS ADAPTATION PACKAGES

ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE.

LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.

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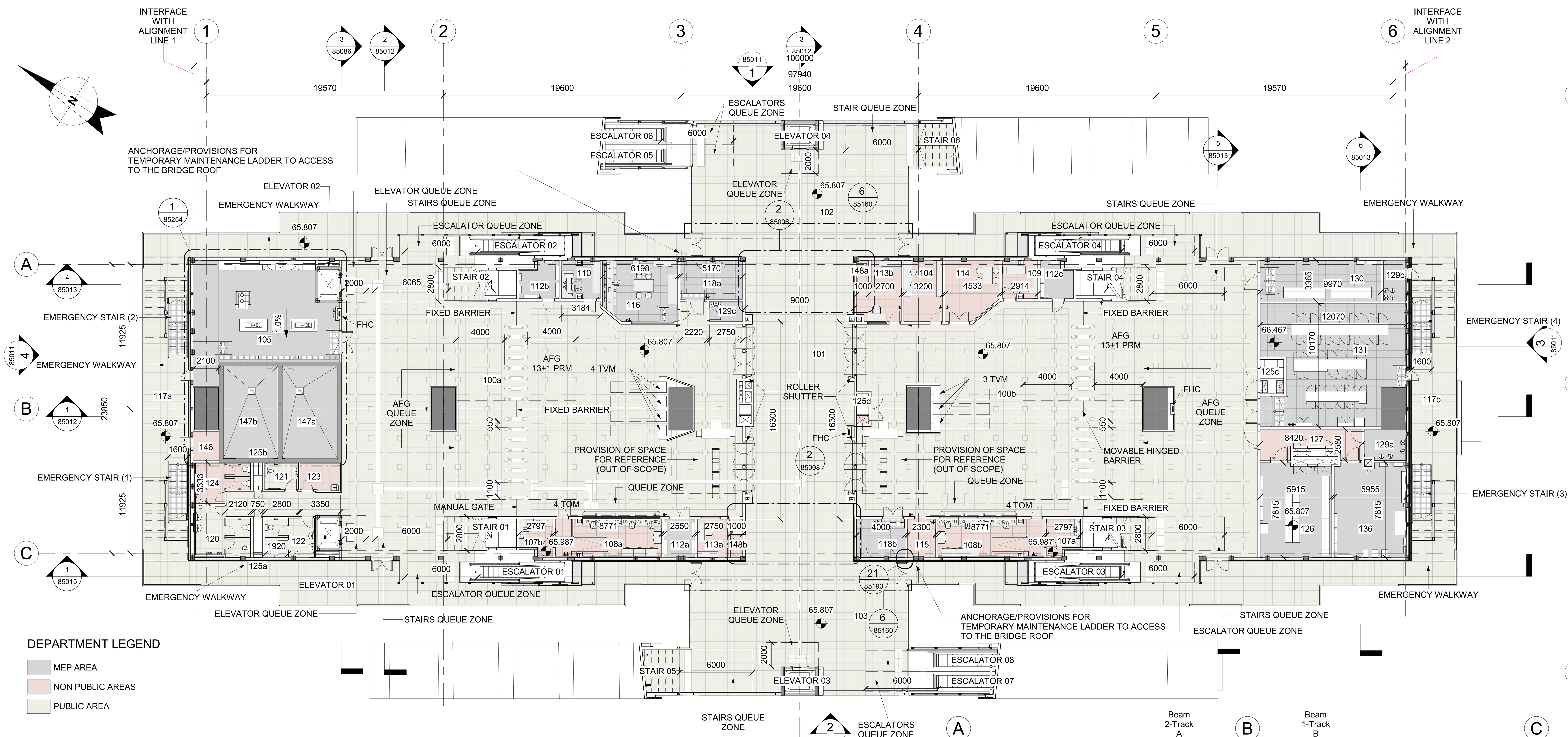
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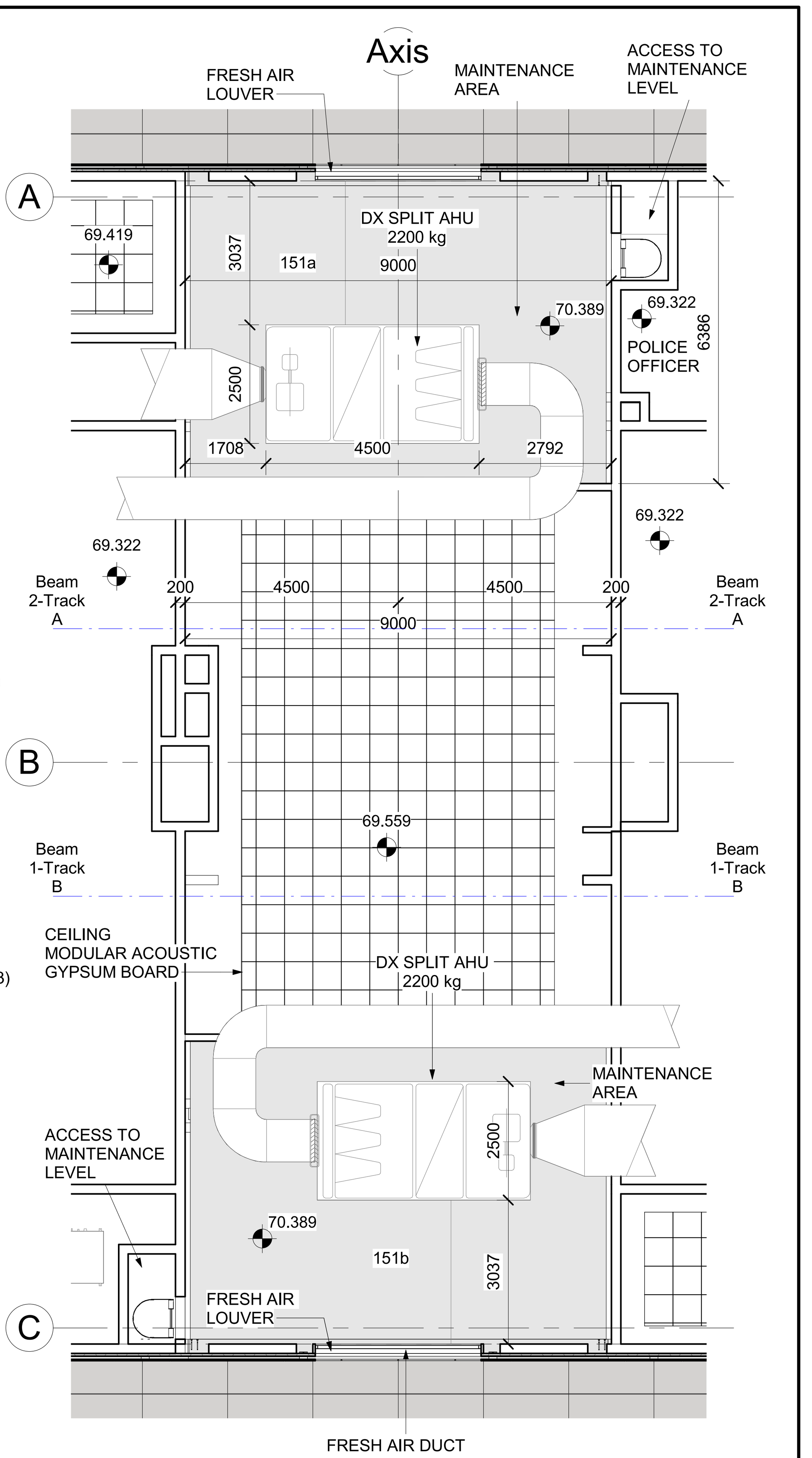
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DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.GROUND LEVEL

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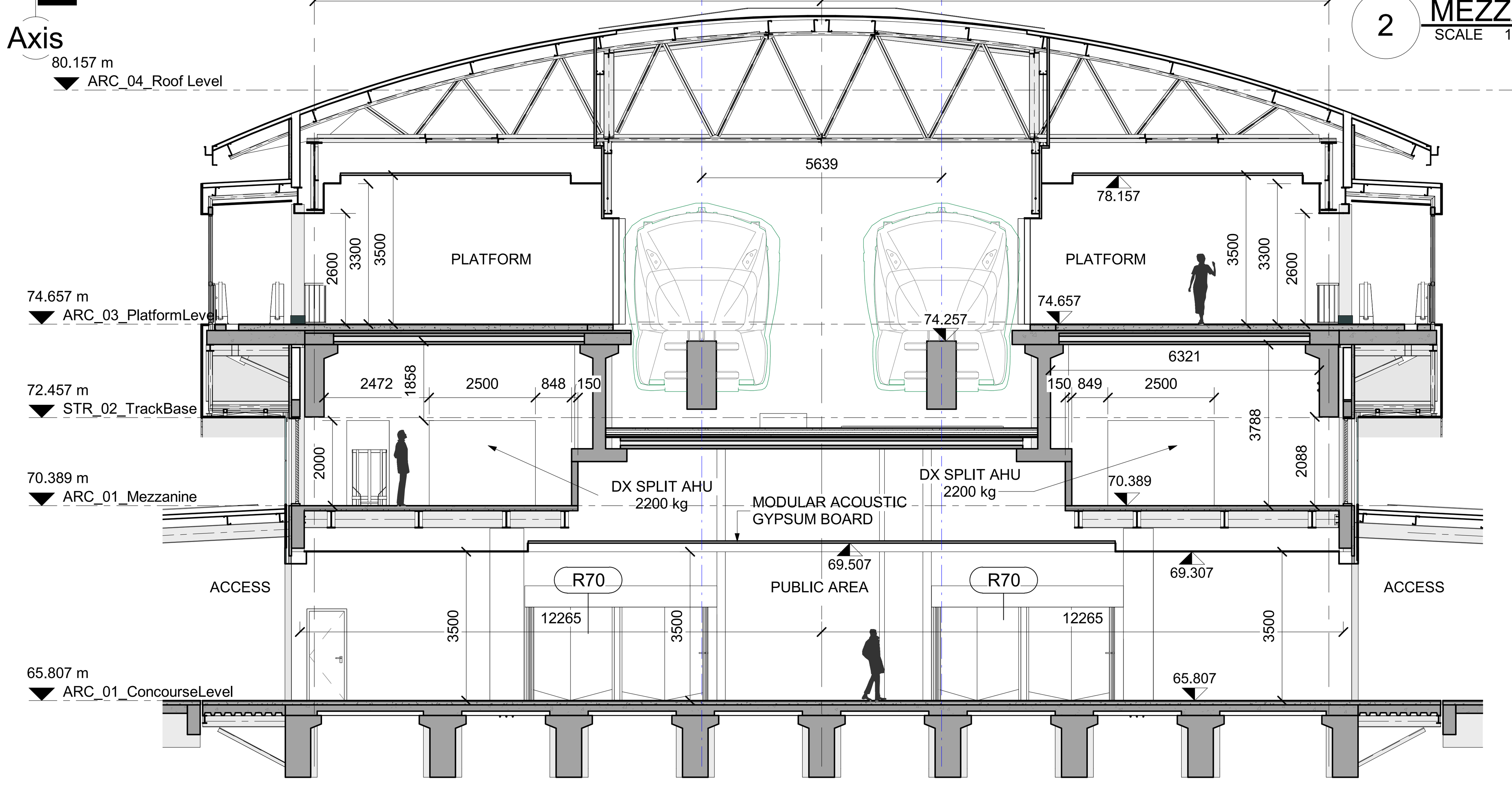
Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85007	A



1 CONCOURSE LEVEL
SCALE 1 : 200



2 MEZZANINE LEVEL. DX SPLIT AHU ZONE
SCALE 1 : 100



3 SECTION
SCALE 1 : 100

ROOM SCHEDULE

NUMBER	NAME	AREA
100a	PUBLIC AREA	675 m²
100b	PUBLIC AREA	679 m²
101	ACCESS	219 m²
102	ACCESS BRIDGE	196 m²
103	ACCESS BRIDGE	194 m²
104	CIVIL DEFENCE	16 m²
105	WATER PUMPS	98 m²
107a	SAFE	9 m²
107b	SAFE (MPT)	9 m²
108a	TOM	26 m²
108b	TOM	26 m²
109	FIRST AID ROOM	9 m²
110	BMS	10 m²
112a	ELECT. CLOSET	8 m²
112b	ELECT. CLOSET	10 m²
112c	ELECT. CLOSET	9 m²
113a	POLICE OFFICER	9 m²
113b	POLICE OFFICER	16 m²
114	POLICE STAFF	22 m²
115	ITS ROOM	7 m²
116	SMO	30 m²
117a	EMERGENCY WALKWAY	320 m²
117b	EMERGENCY WALKWAY	319 m²
118a	COM ROOM	17 m²

ROOM SCHEDULE

NUMBER	NAME	AREA
118b	COM ROOM	13 m²
120	MALE WC	17 m²
121	PRM WC	6 m²
122	FEMALE WC	13 m²
123	JANITOR ROOM	7 m²
124	STAFF WC	13 m²
125a	MAINTENANCE ROOM	2 m²
125b	MAINTENANCE ROOM	2 m²
125c	MAINTENANCE ROOM	6 m²
125d	MAINTENANCE ROOM	3 m²
126	LV PANEL	45 m²
127	CORRIDOR	17 m²
129a	CLEAN AGENT	9 m²
129b	CLEAN AGENT	6 m²
129c	CLEAN AGENT	5 m²
130	CRAH ROOM (HVAC)	33 m²
131	EER	109 m²
136	UPS CBS	46 m²
146	STORAGE	5 m²
147a	WATER TANKS	35 m²
147b	WATER TANKS	34 m²
148a	CORRIDOR	2 m²
148b	CORRIDOR	2 m²
TOTAL		3363 m²

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(*) MEP SHAFT PROJECTION ACCESSIBLE FROM SUSPENDED CEILING

REFERENCE DRAWINGS :

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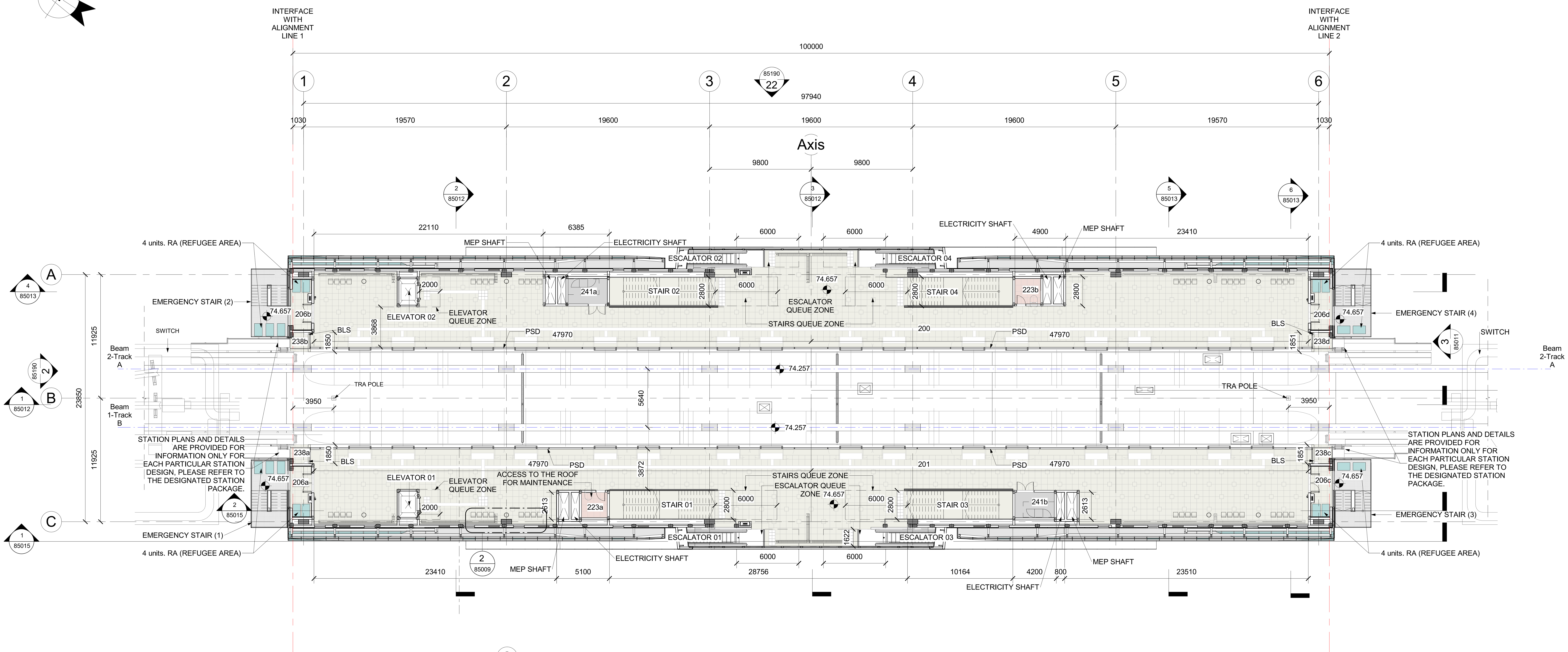
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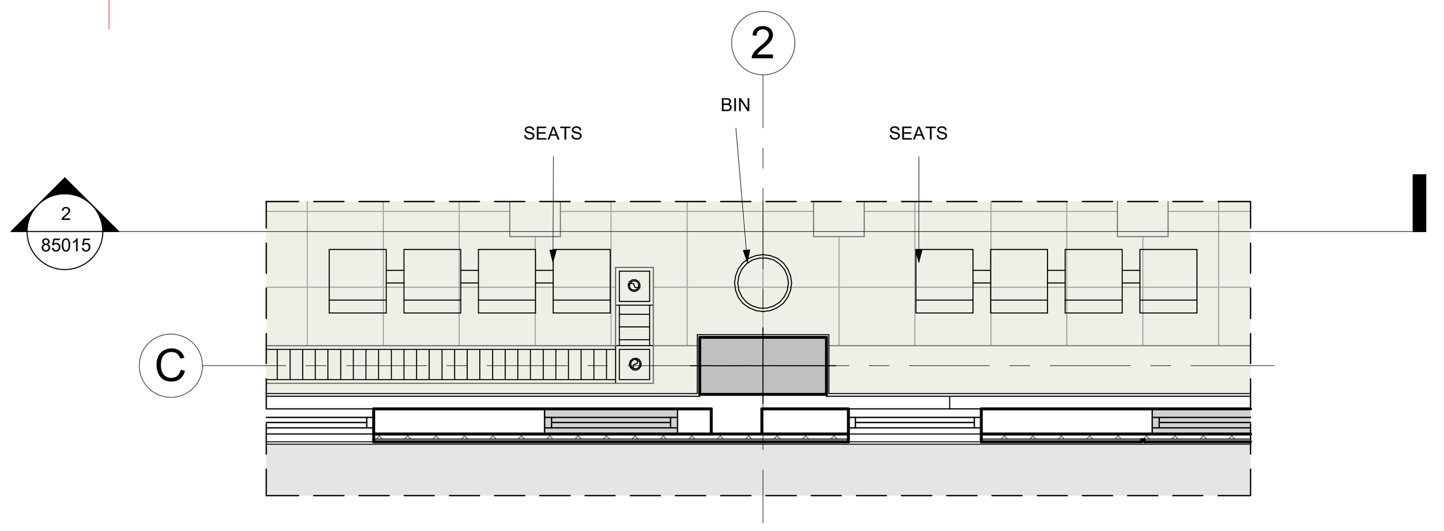
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ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL

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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85008	A





2 SEATING AREA
SCALE 1 : 50

DEPARTMENT LEGEND

- MEP AREA
- NON PUBLIC AREAS
- PUBLIC AREA

ROOM SCHEDULE

NUMBER	NAME	Area
200	PLATFORM	641 m²
201	PLATFORM	641 m²
206a	ACCESS TO TRACK	10 m²
206b	ACCESS TO TRACK	10 m²
206c	ACCESS TO TRACK	10 m²
206d	ACCESS TO TRACK	10 m²
223a	JANITOR ROOM	6 m²
223b	JANITOR ROOM	6 m²
238a	BLS ROOM	3 m²
238b	BLS ROOM	3 m²
238c	BLS ROOM	3 m²
238d	BLS ROOM	3 m²
241a	COM ROOM	9 m²
241b	COM ROOM	9 m²
TOTAL		1366 m²

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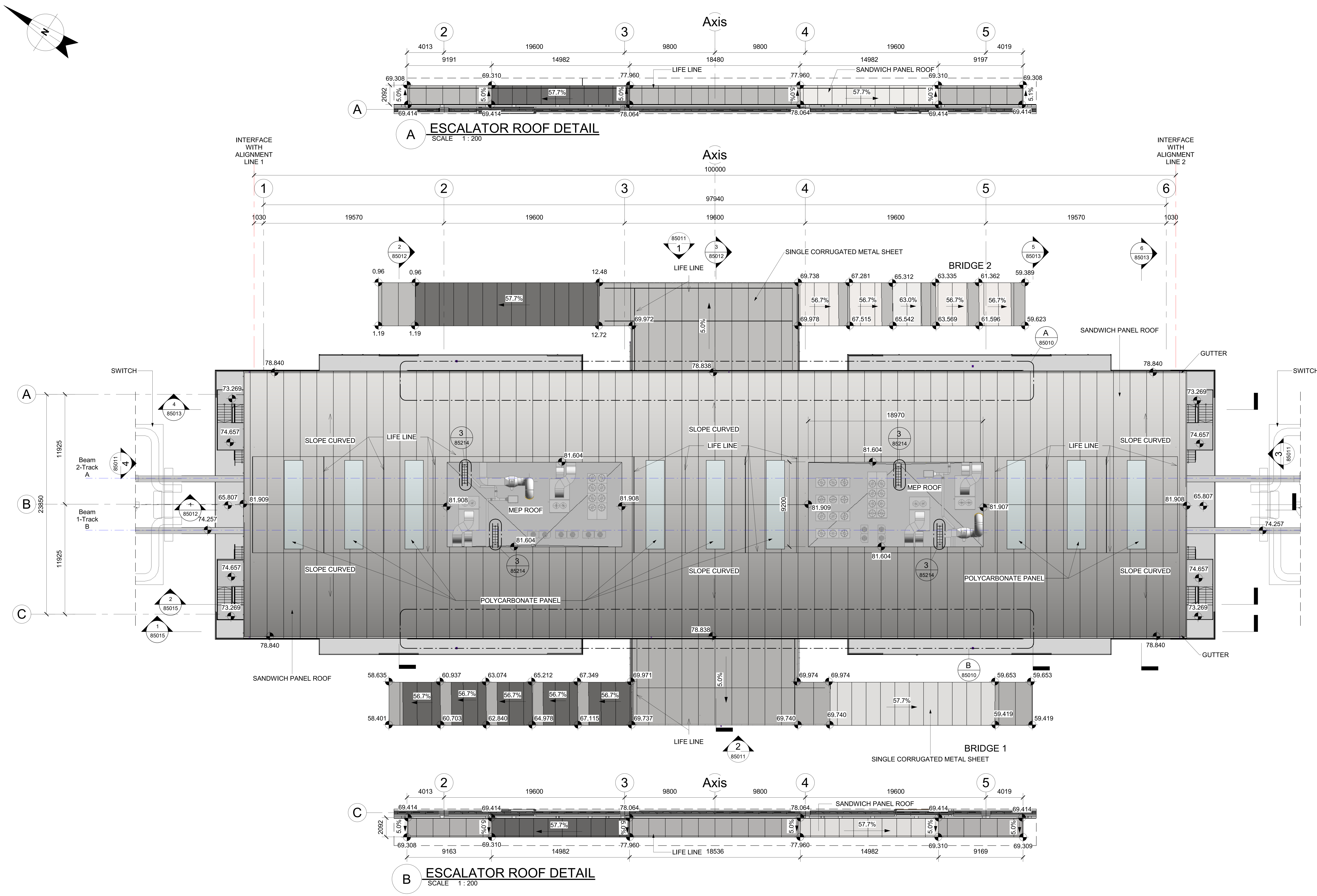
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STATION PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL

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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85009	A



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- 93M-0407-SEN-000PW-END-41500 TO 93M-0407-SEN-000PW-END-13556

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0620-SHK-000PW-DDG-31103
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0540-SHK-000PW-DDG-31108
- 93M-0540-SHK-000PW-DDG-31109
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- 93M-0540-SHK-000PW-DDG-31112
- 93M-0540-SHK-000PW-DDG-31114
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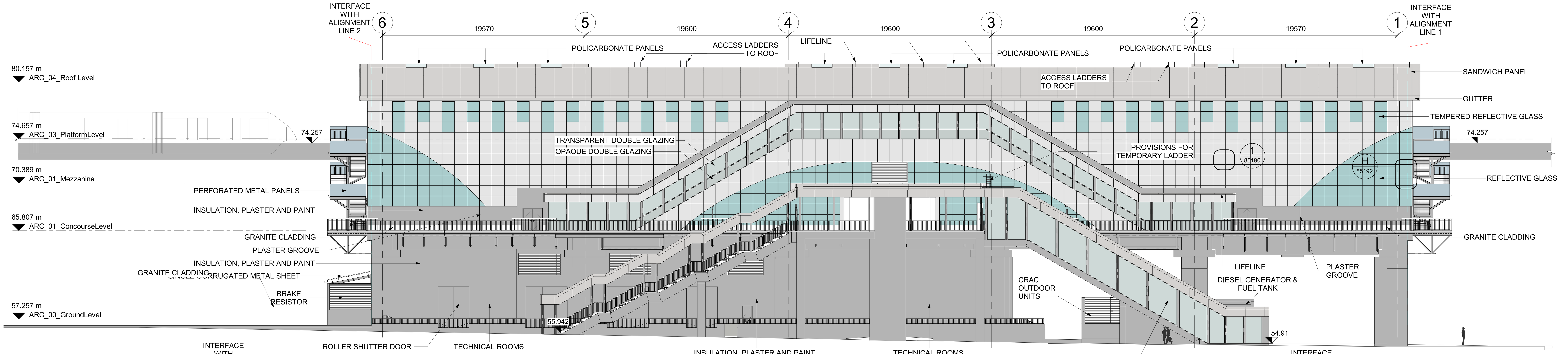
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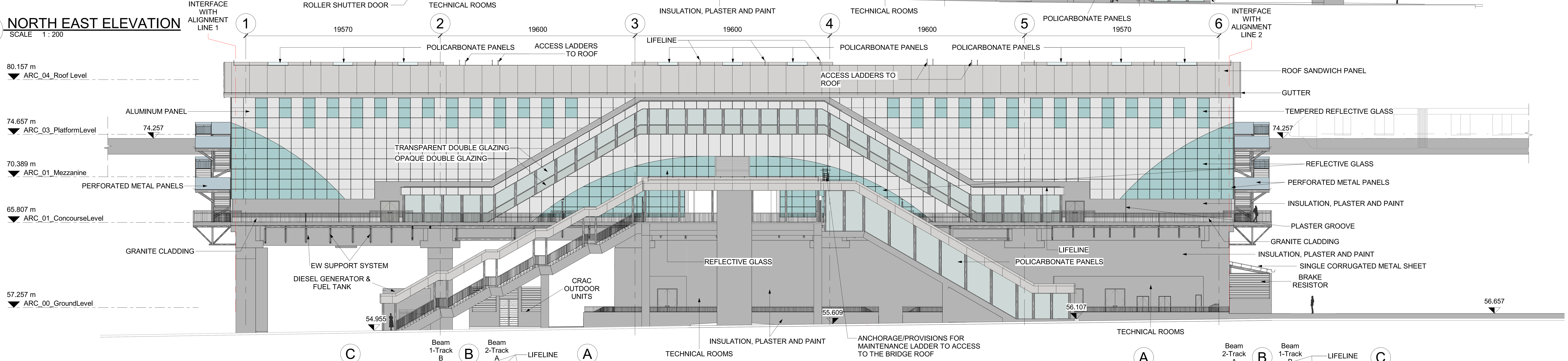
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STATION PLANS
CLOSED STATION PROTOTYPE 3.ROOF LEVEL

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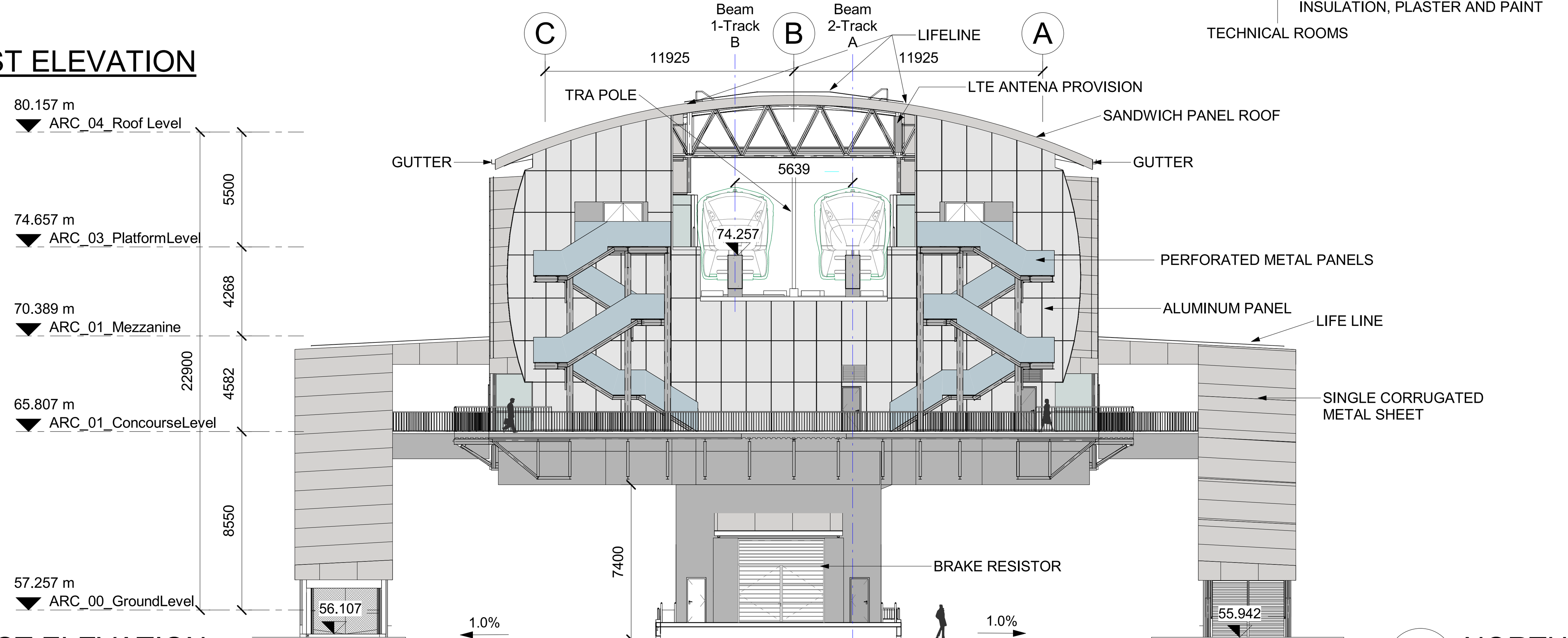
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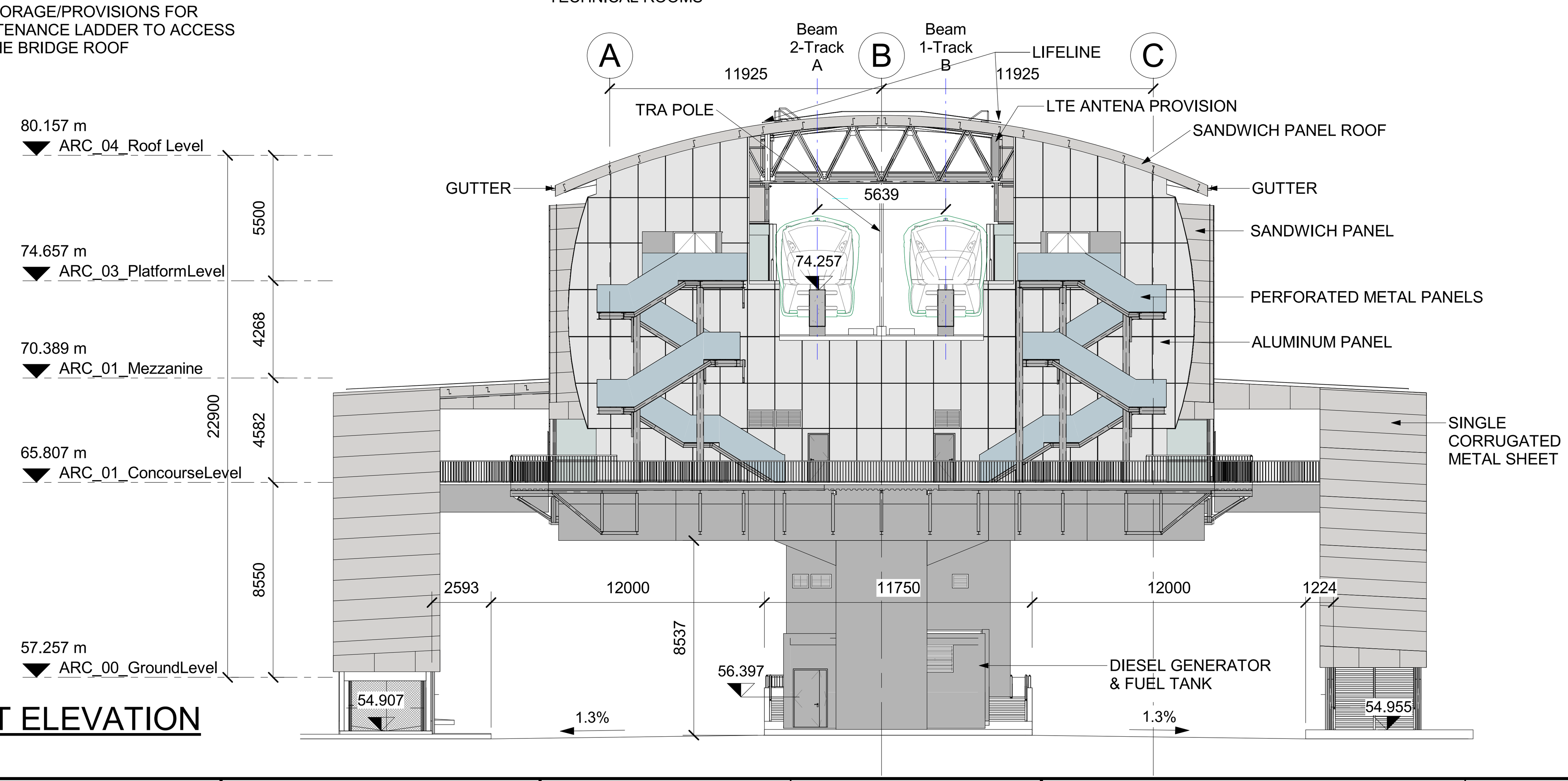
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SCALE 1 : 200



2 SOUTH WEST ELEVATION
SCALE 1 : 200



3 SOUTH EAST ELEVATION
SCALE 1 : 200



4 NORTH WEST ELEVATION
SCALE 1 : 200

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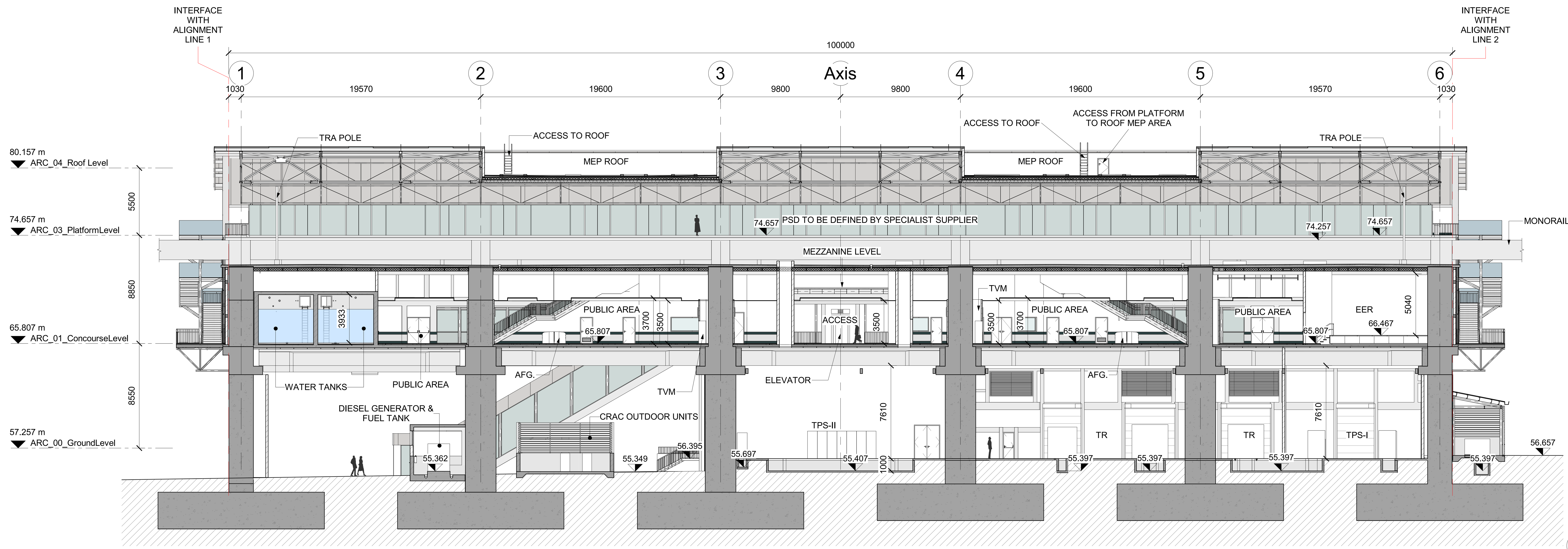
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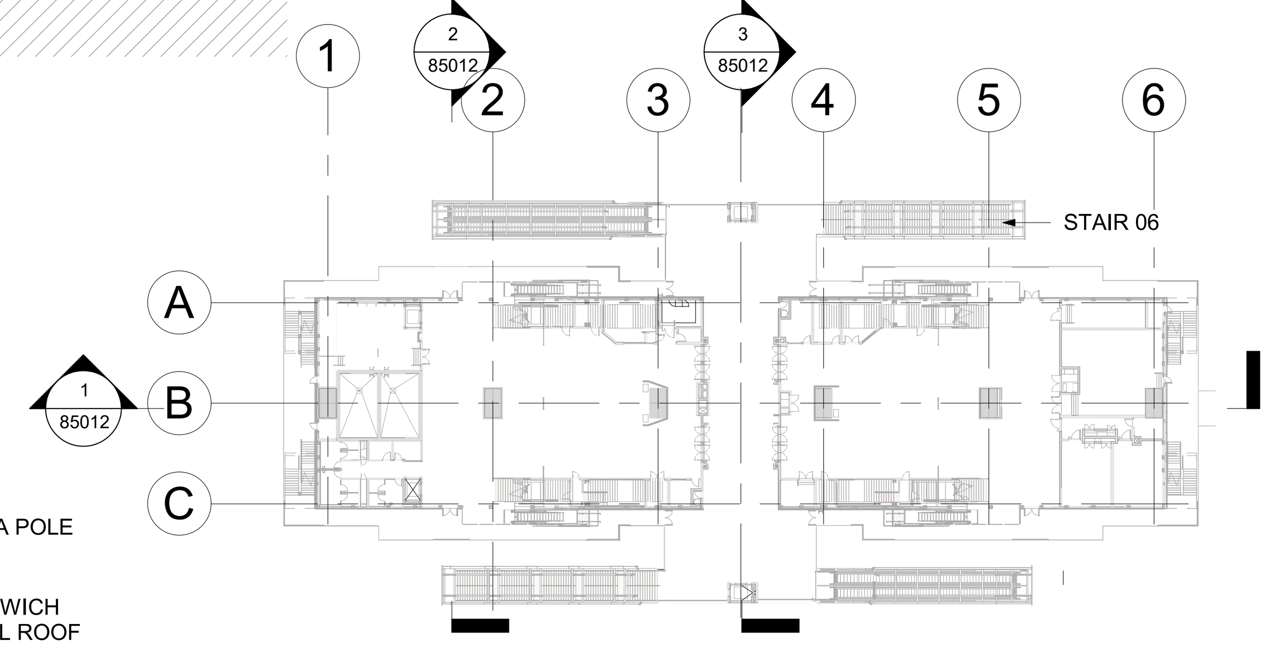
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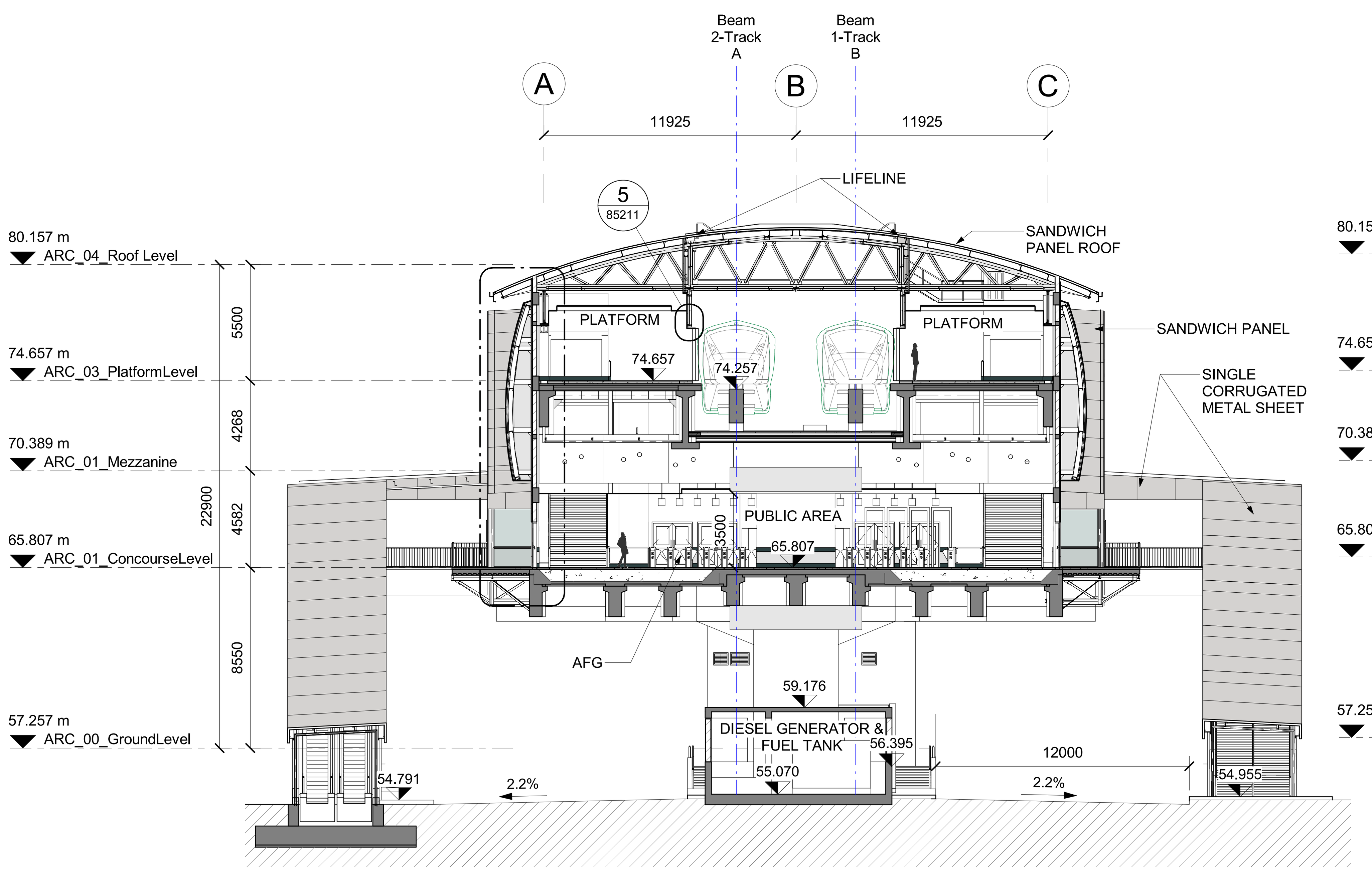
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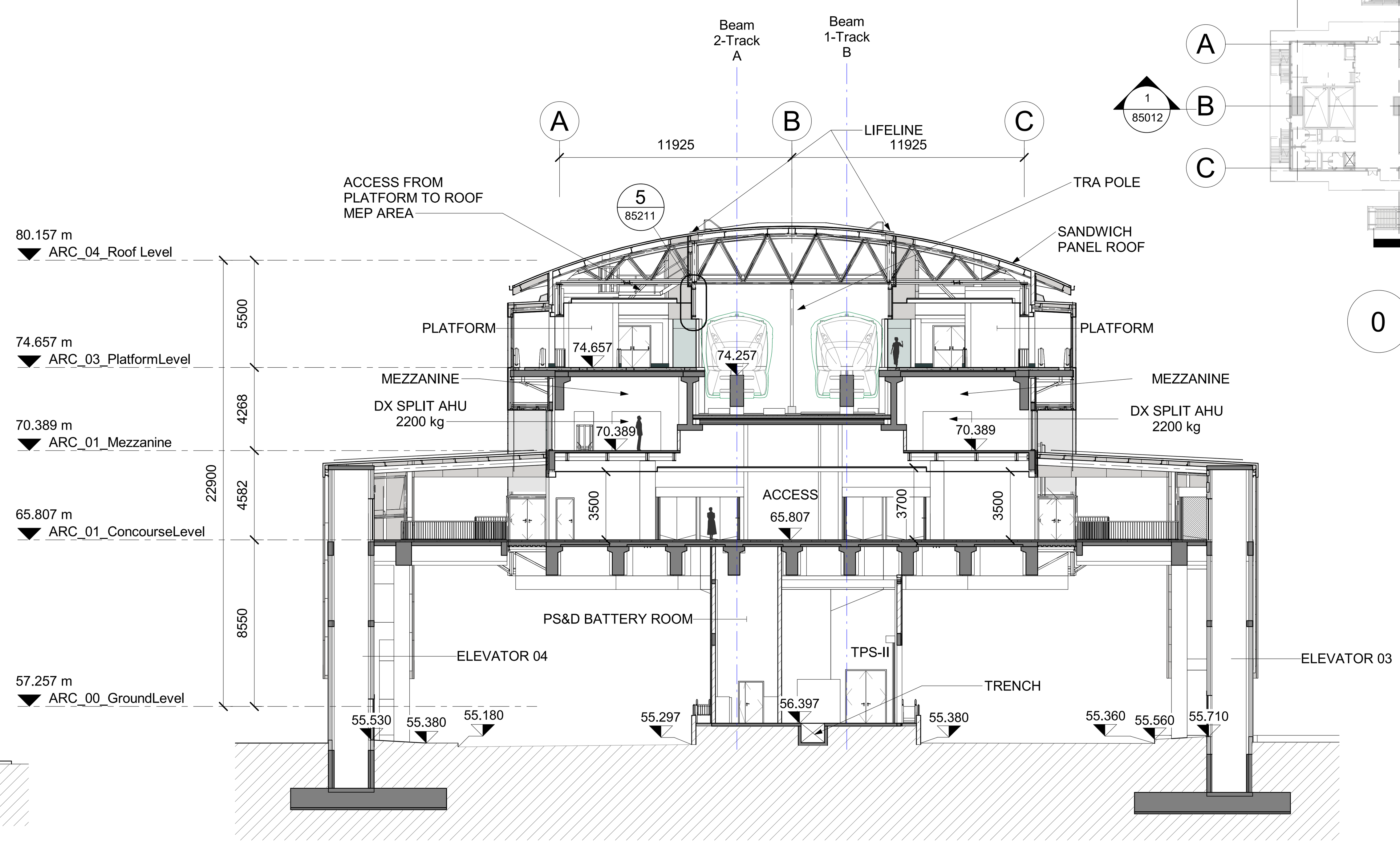
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SCALE 1 : 200



0 KEY PLAN
SCALE 1 : 750



2 CROSS SECTION
SCALE 1 : 200



3 CROSS SECTION
SCALE 1 : 200

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ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

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KEY PLAN :

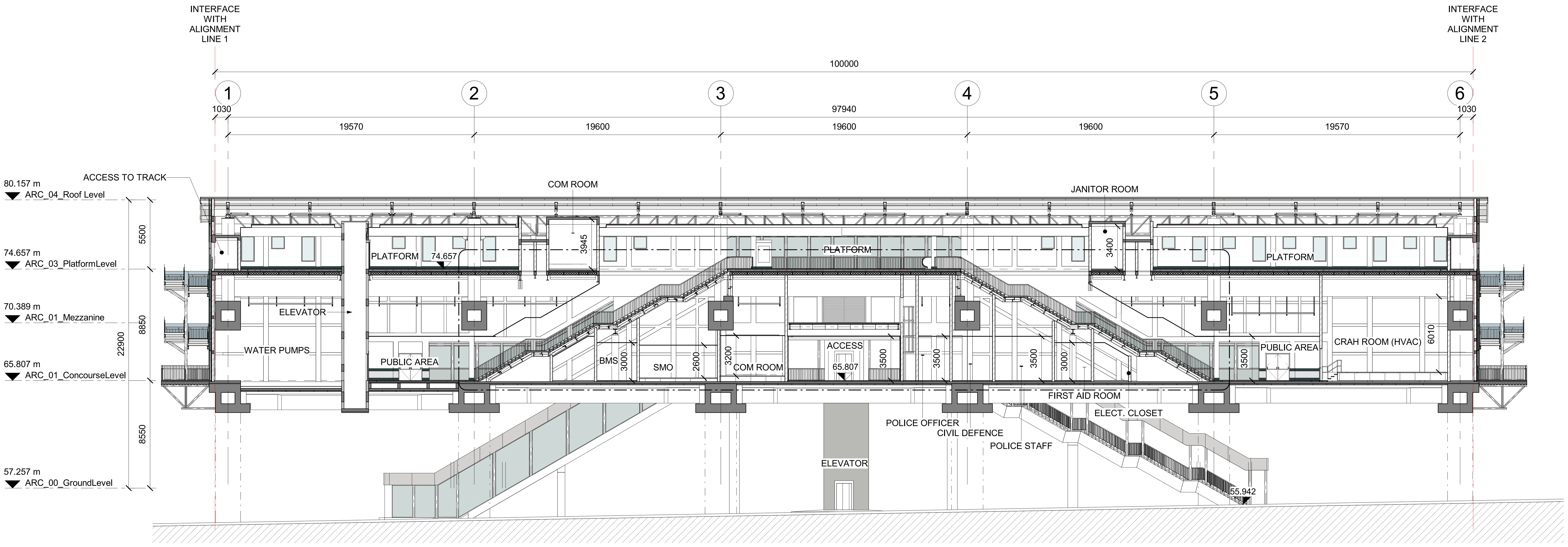
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DATE : 2023/06/09
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PURPOSE OF ISSUE : FOR APPROVAL

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A	2023/05/12	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL
B	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

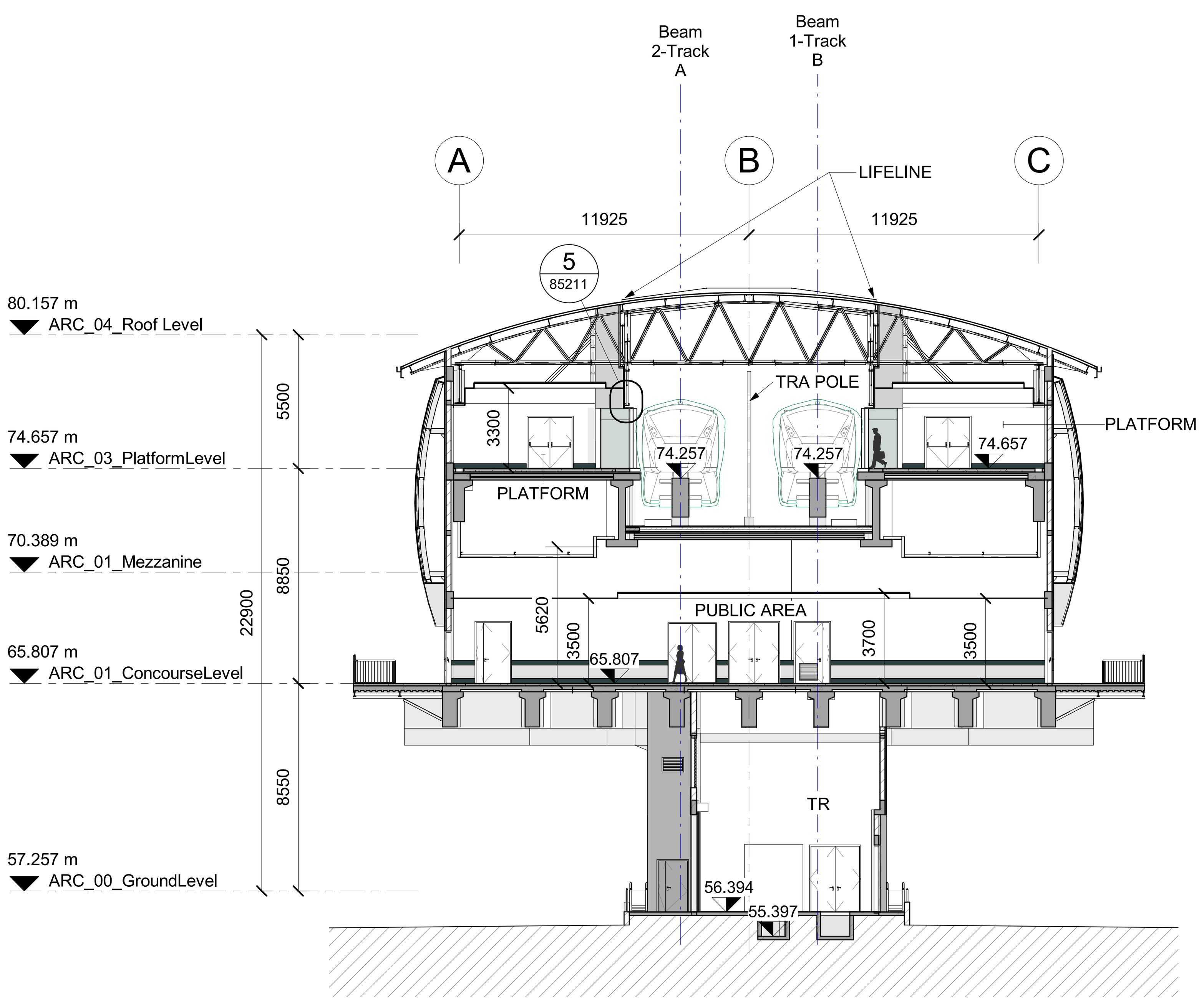
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STATION PLANS
CLOSED STATION PROTOTYPE 3.SECTIONS 1

Page: 1 of 1

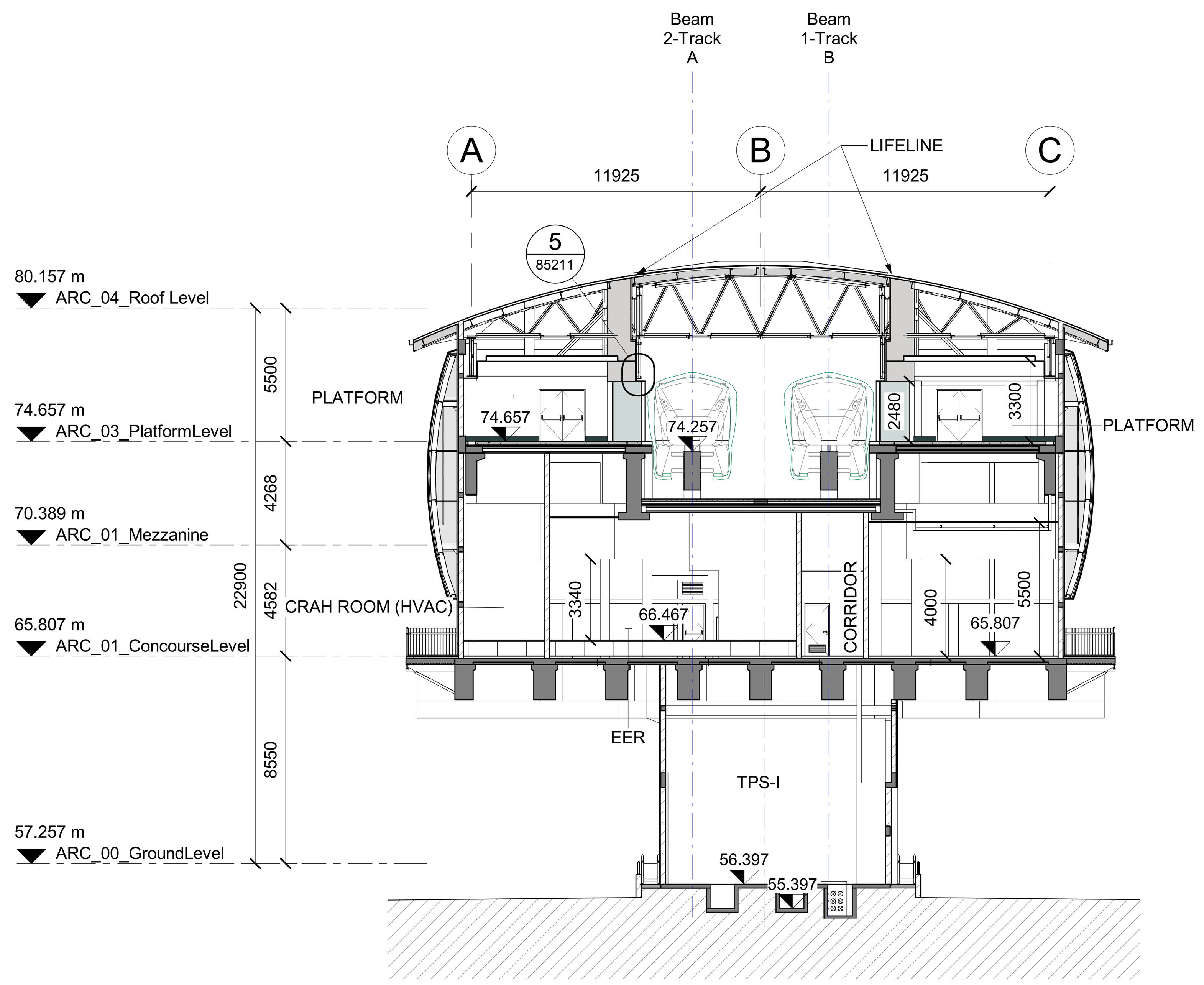
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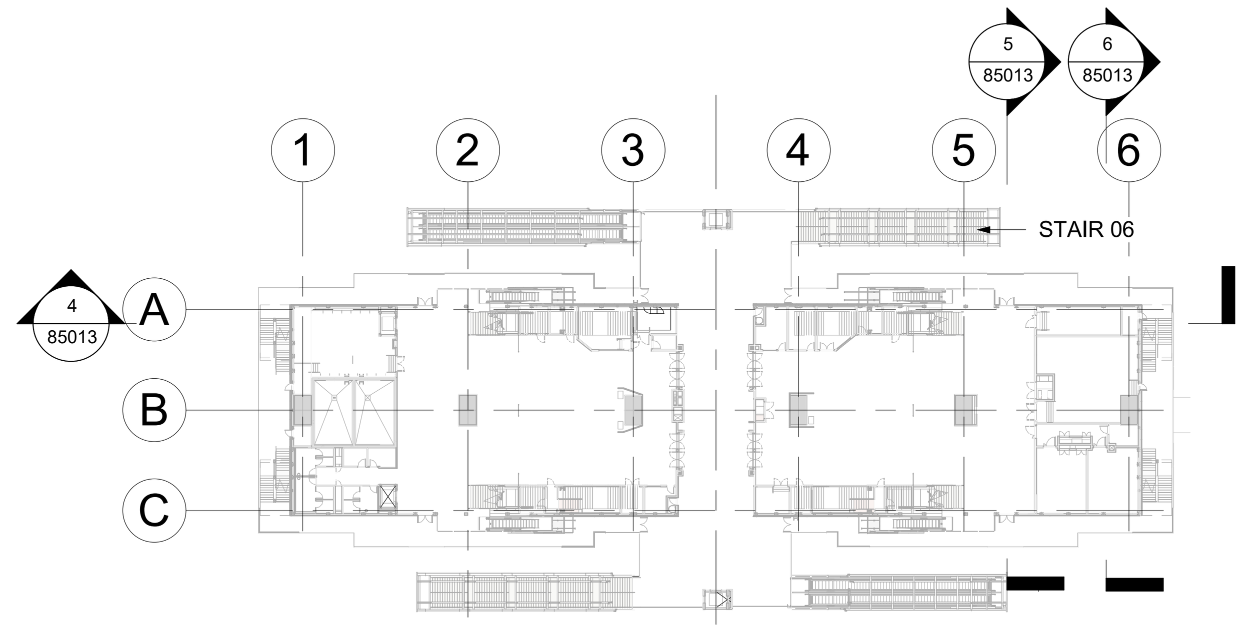
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SCALE 1 : 200



5 **CROSS SECTION**
SCALE 1 : 200



6 **CROSS SECTION**
SCALE 1 : 200



0 **KEY PLAN**
SCALE 1 : 750

NOTES :
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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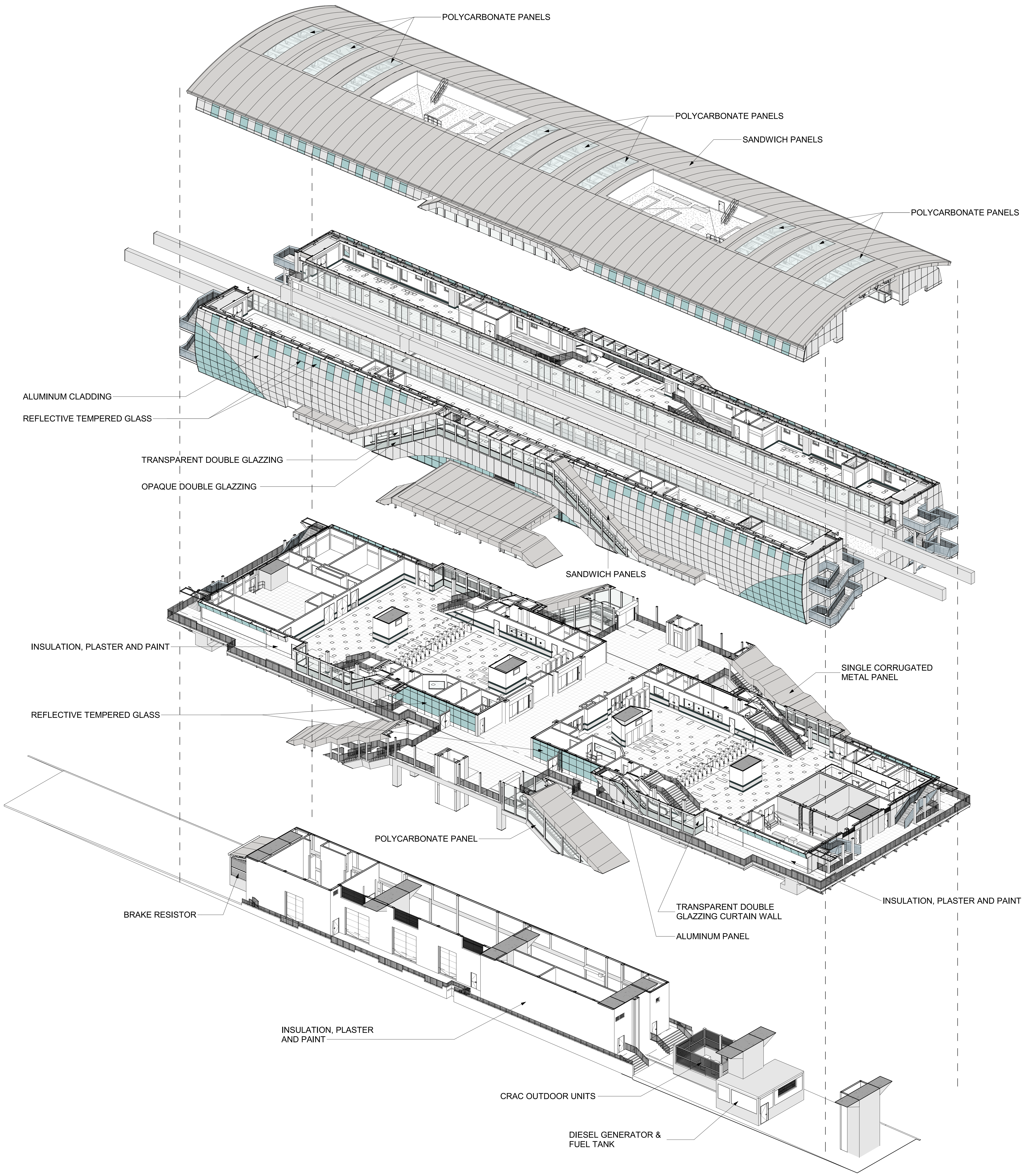
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ORIGINAL FORMAT : A1

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SCALE :

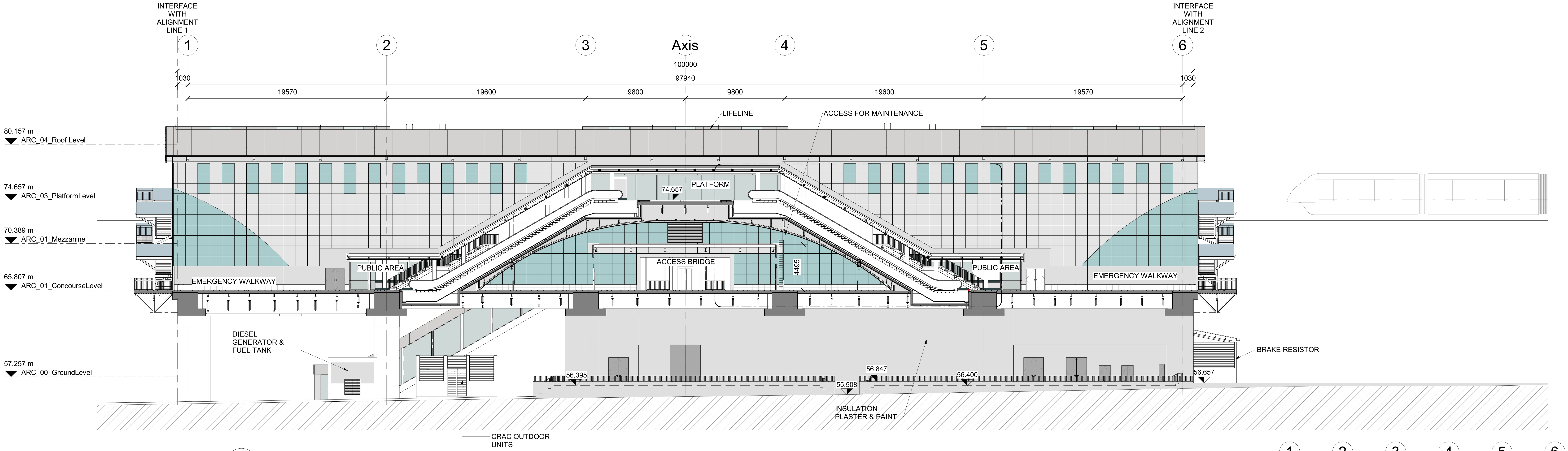
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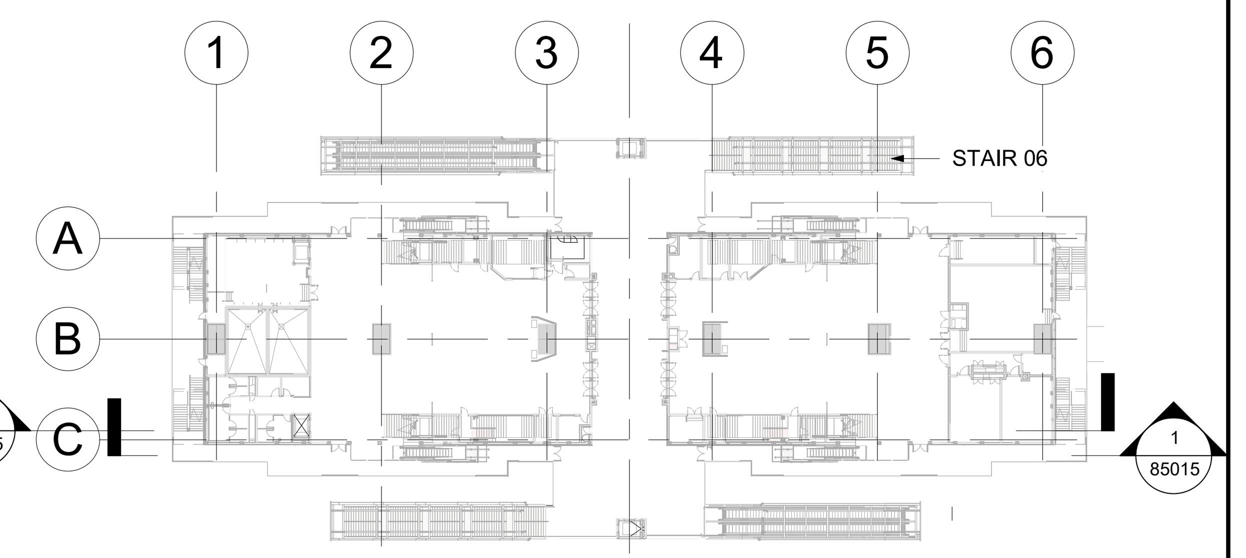
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CLOSED STATION PROTOTYPE 3.3D VIEW

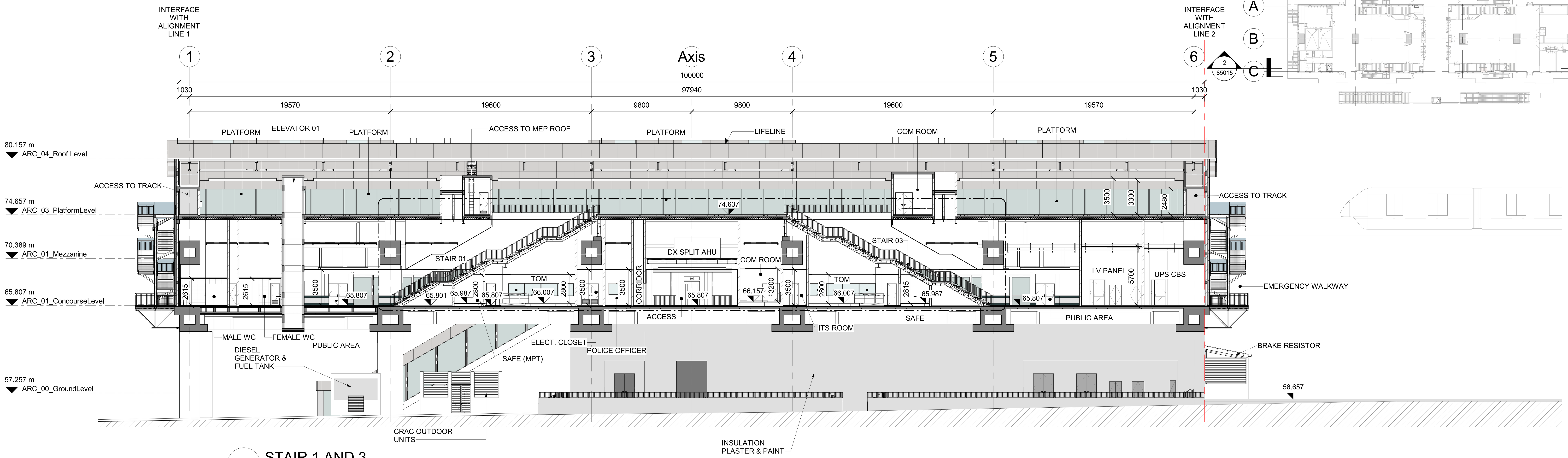
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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85014	B



1 ESCALATOR 1 AND 3
SCALE 1 : 200





2 STAIR 1 AND 3
SCALE 1 : 200

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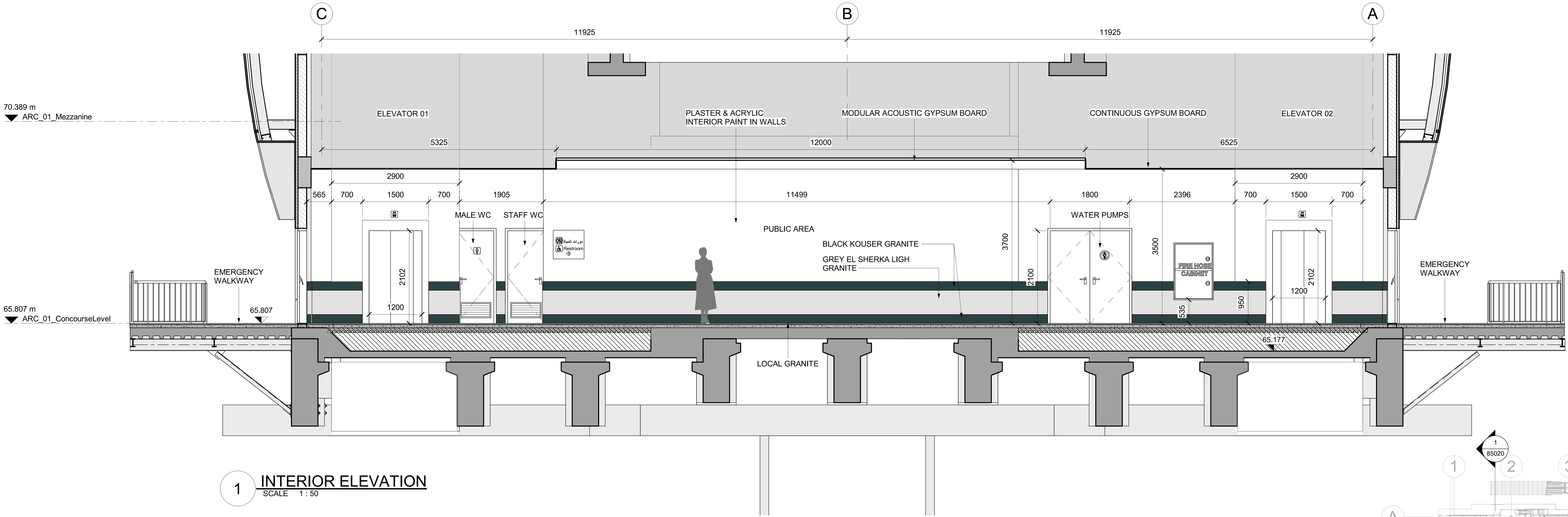
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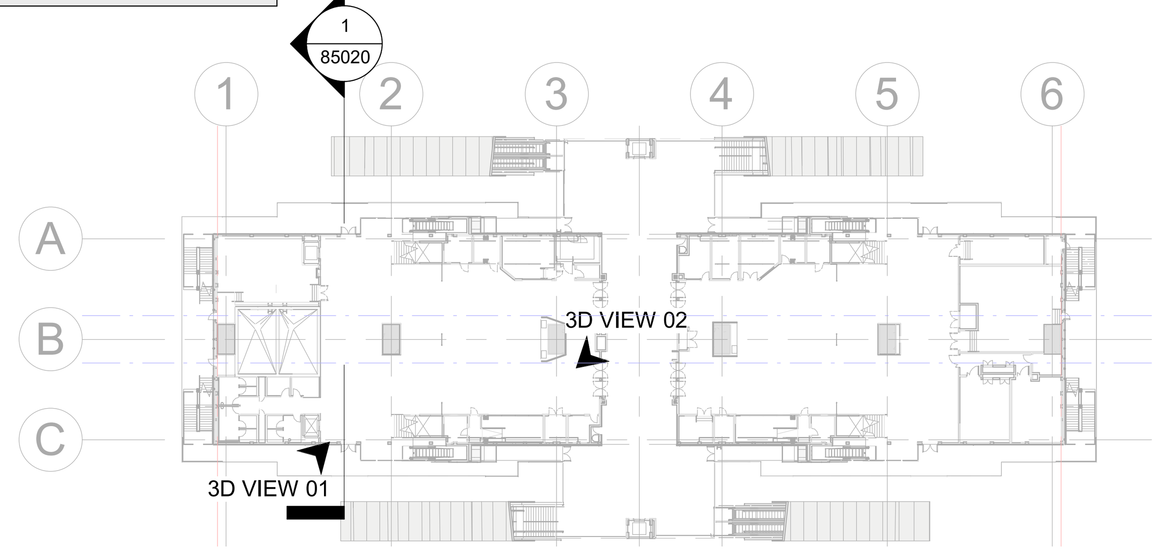
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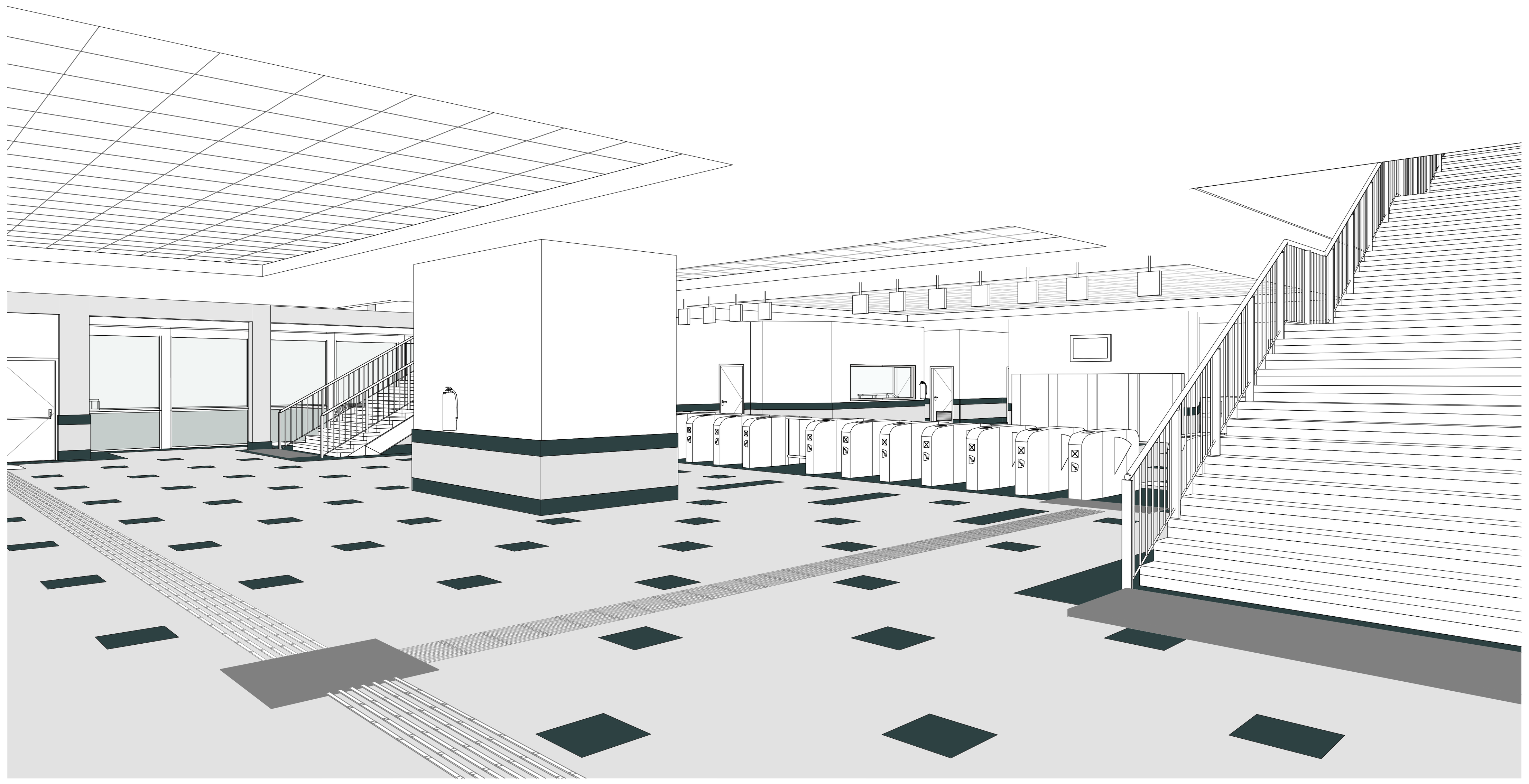
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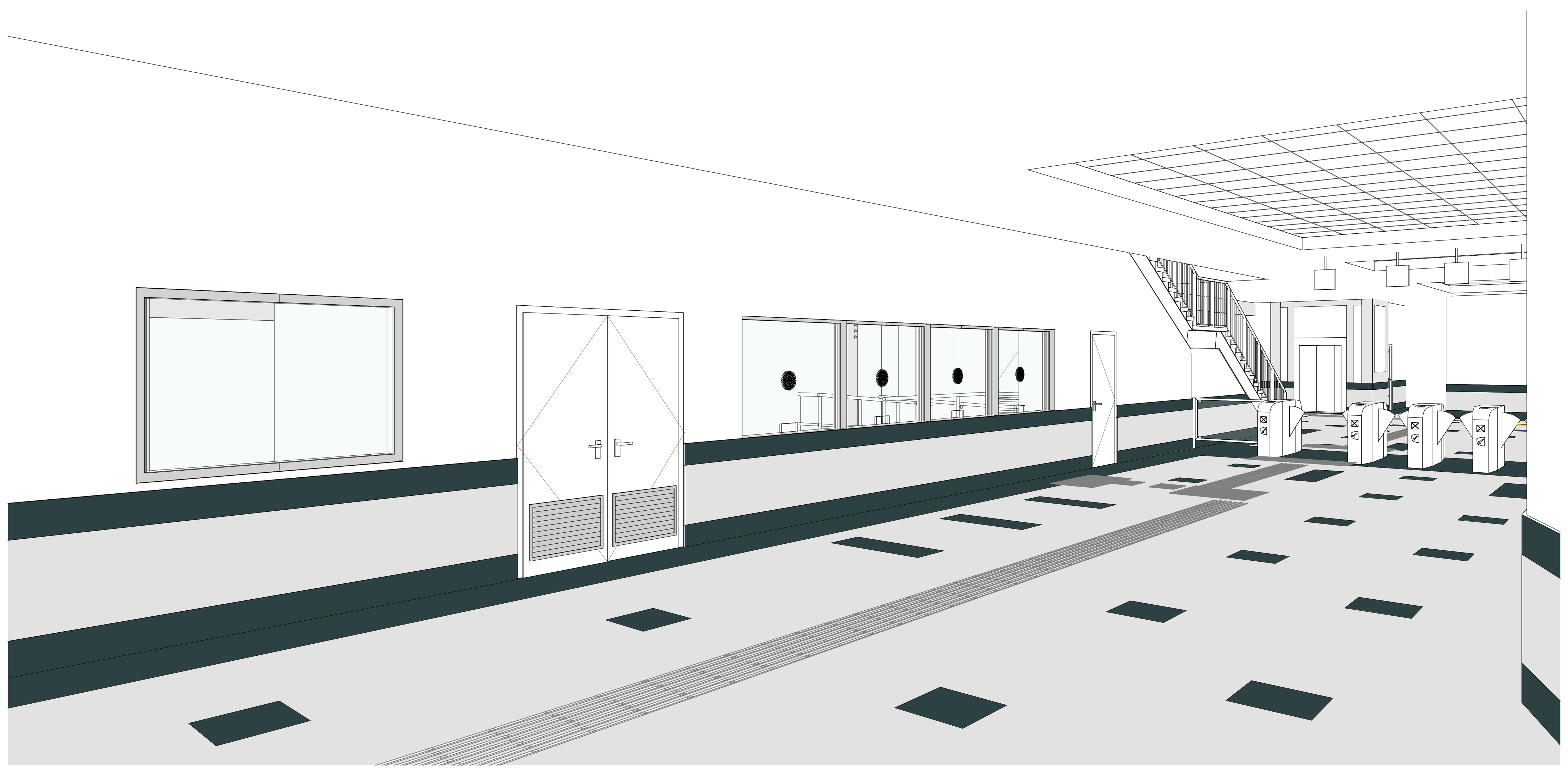


1 INTERIOR ELEVATION
SCALE 1 : 50





2 INTERIOR 3D VIEW 01
SCALE



3 INTERIOR 3D VIEW 02
SCALE

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INTERNAL AND EXTERNAL ELEVATION
CLOSED STATION PROTOTYPE 3.INTERIOR ELEVATIONS 1


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93M	-	0410	-	SEN	-	000PW	-	END	-	85020	-	A



2 INTERIOR ELEVATION

SCALE 1 : 50



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** FOR CEILING SUSPENSION DETAILS OF PUBLIC AREA, REFER TO THE DRAWING REFERENCE 93M-0410-SEN-000PW-END-85181

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SCALE : As indicated

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ARCHITECTURE
INTERNAL AND EXTERNAL ELEVATION
CLOSED STATION PROTOTYPE 3.INTERIOR ELEVATIONS 2

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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85021	A



2 INTERIOR ELEVATION
SCALE 1 : 50



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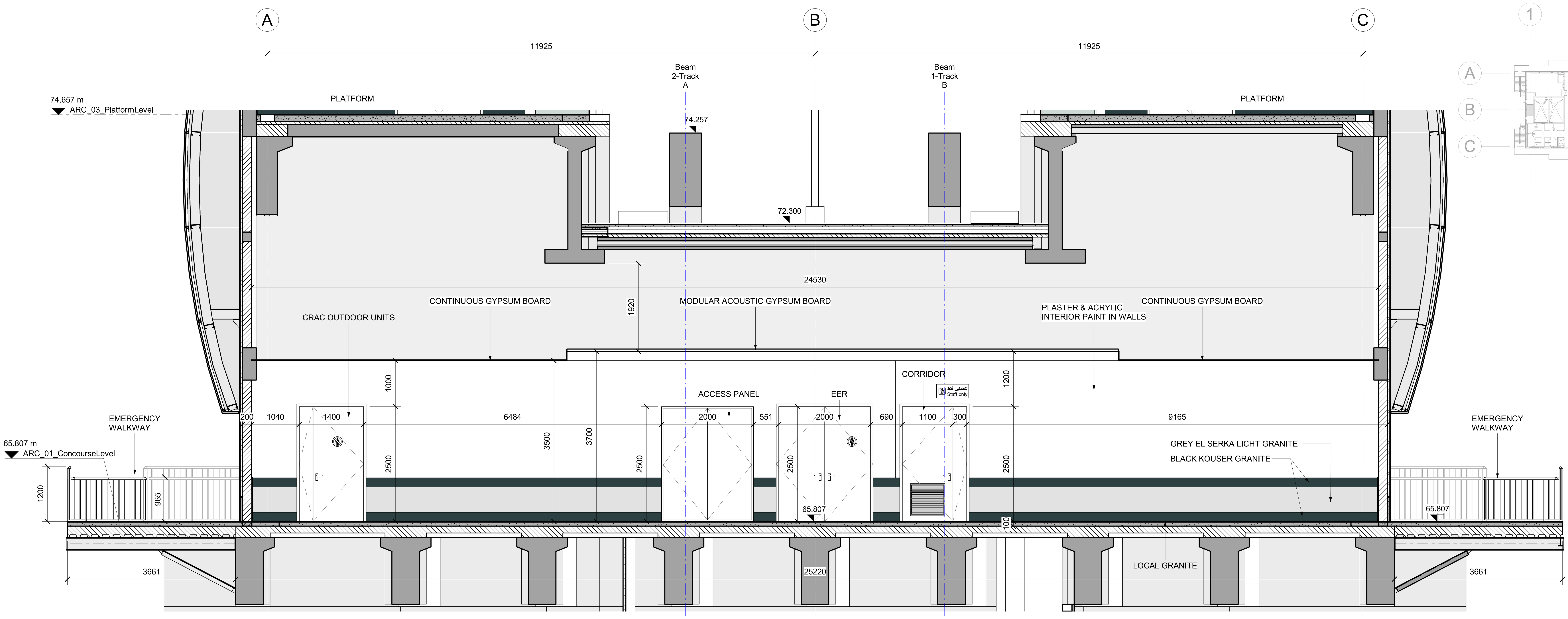
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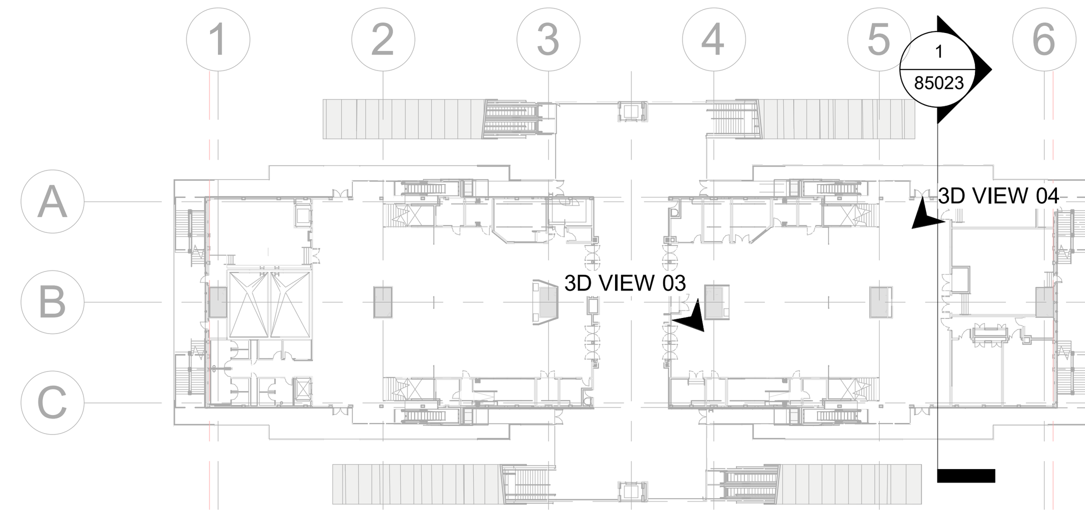
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INTERNAL AND EXTERNAL ELEVATION
CLOSED STATION PROTOTYPE 3.INTERIOR ELEVATIONS 3

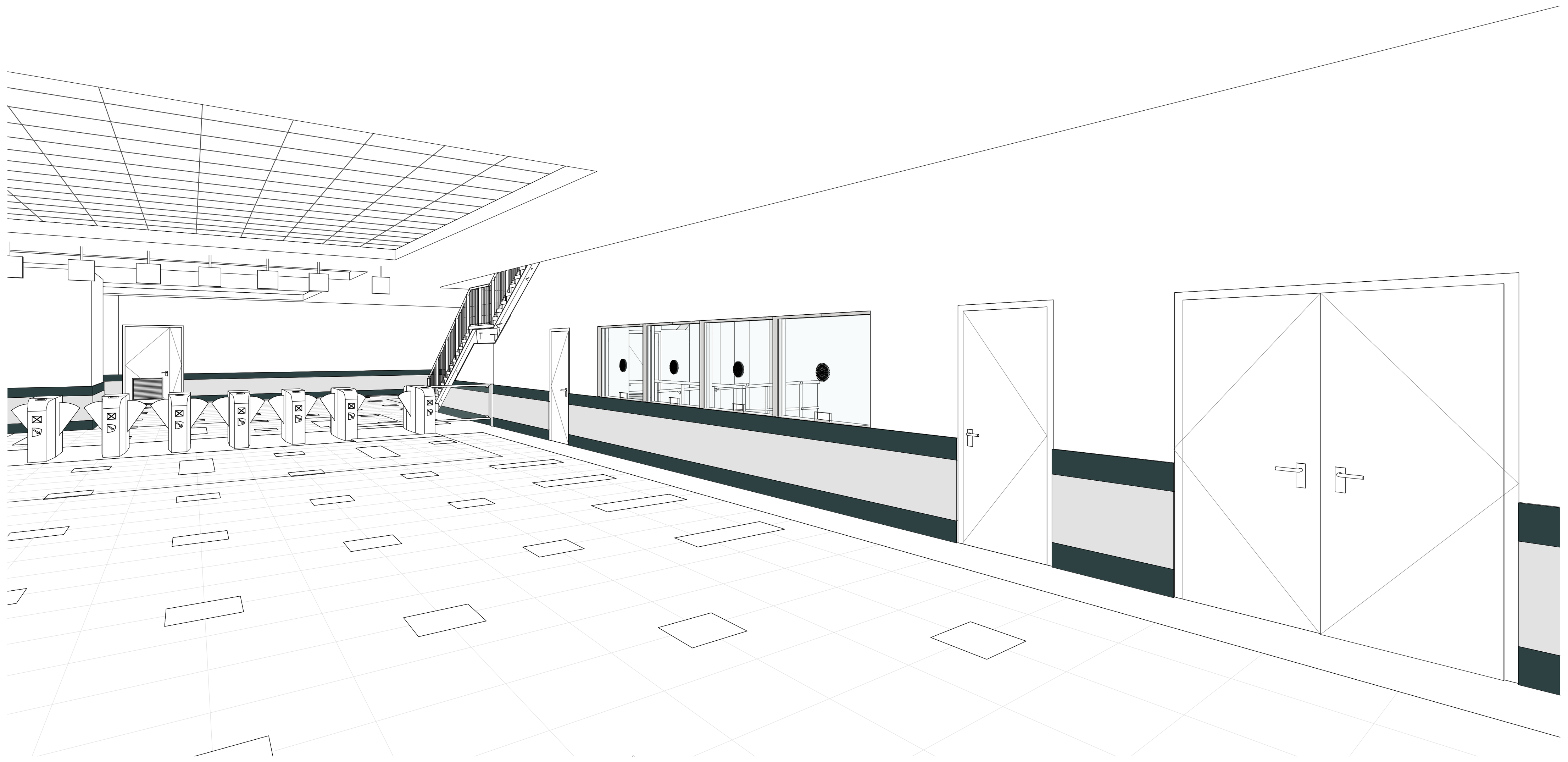
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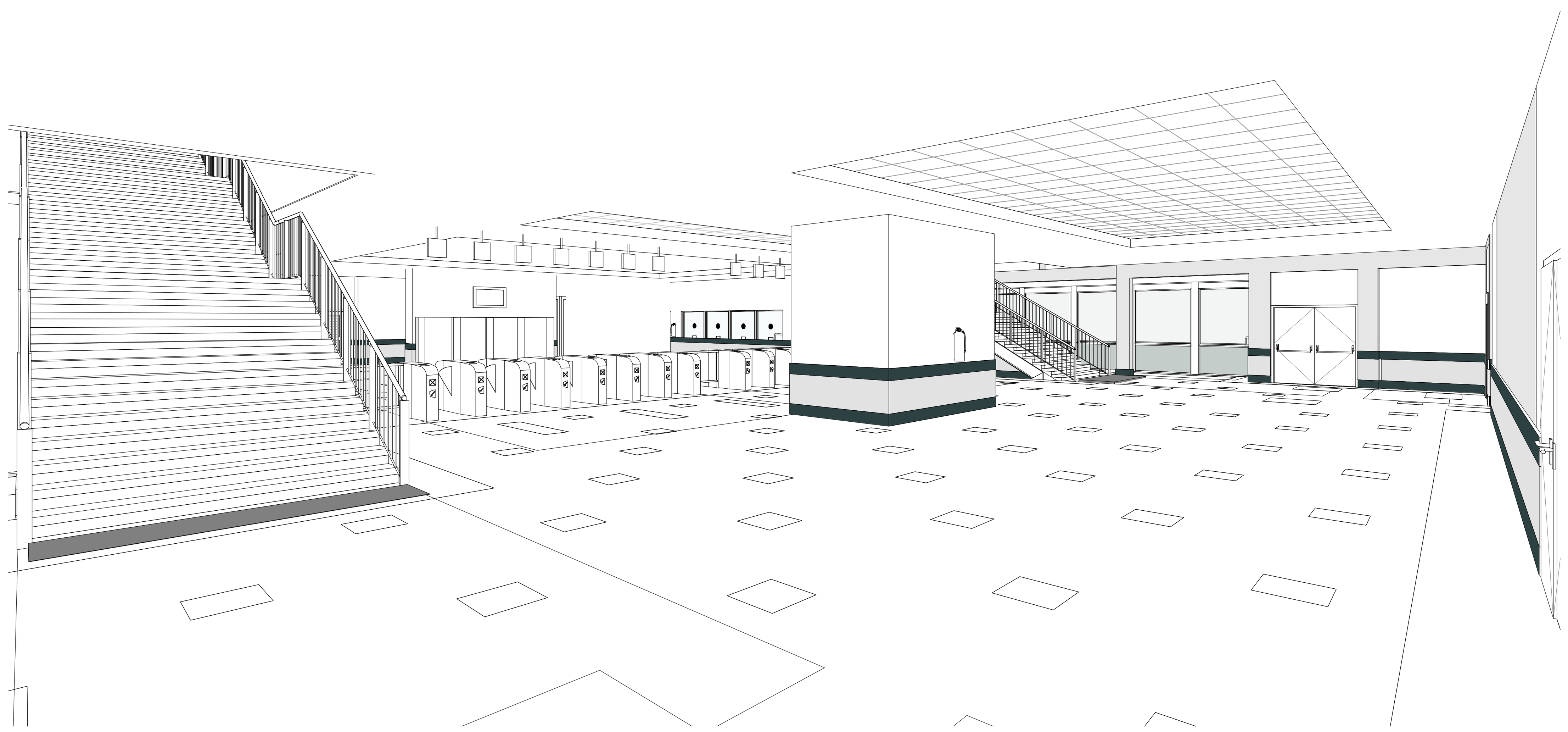




1 CONCOURSE LEVEL
SCALE 1 : 50



2 INTERIOR 3D VIEW 03
SCALE



4 INTERIOR 3D VIEW 04
SCALE

NOTES :
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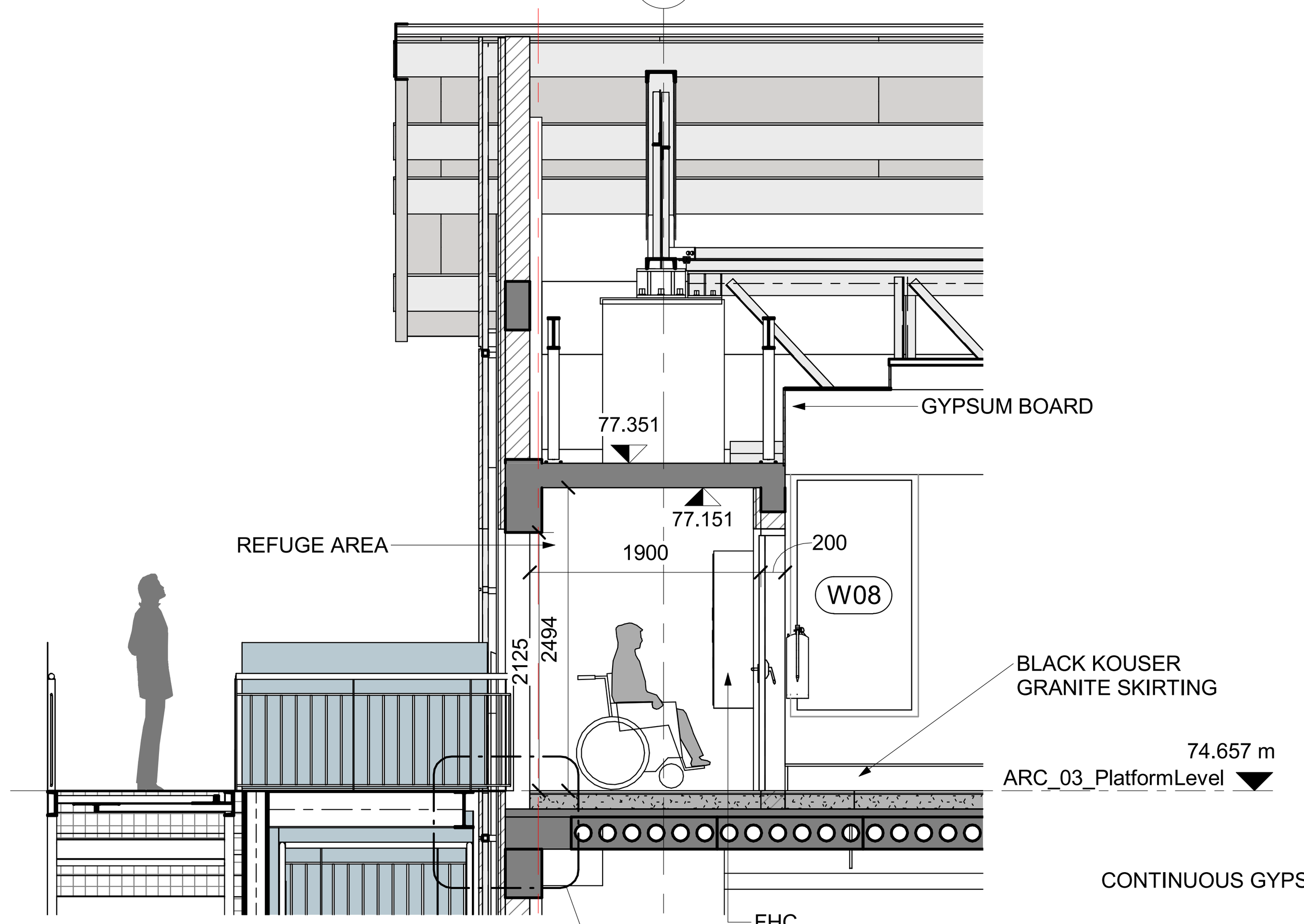
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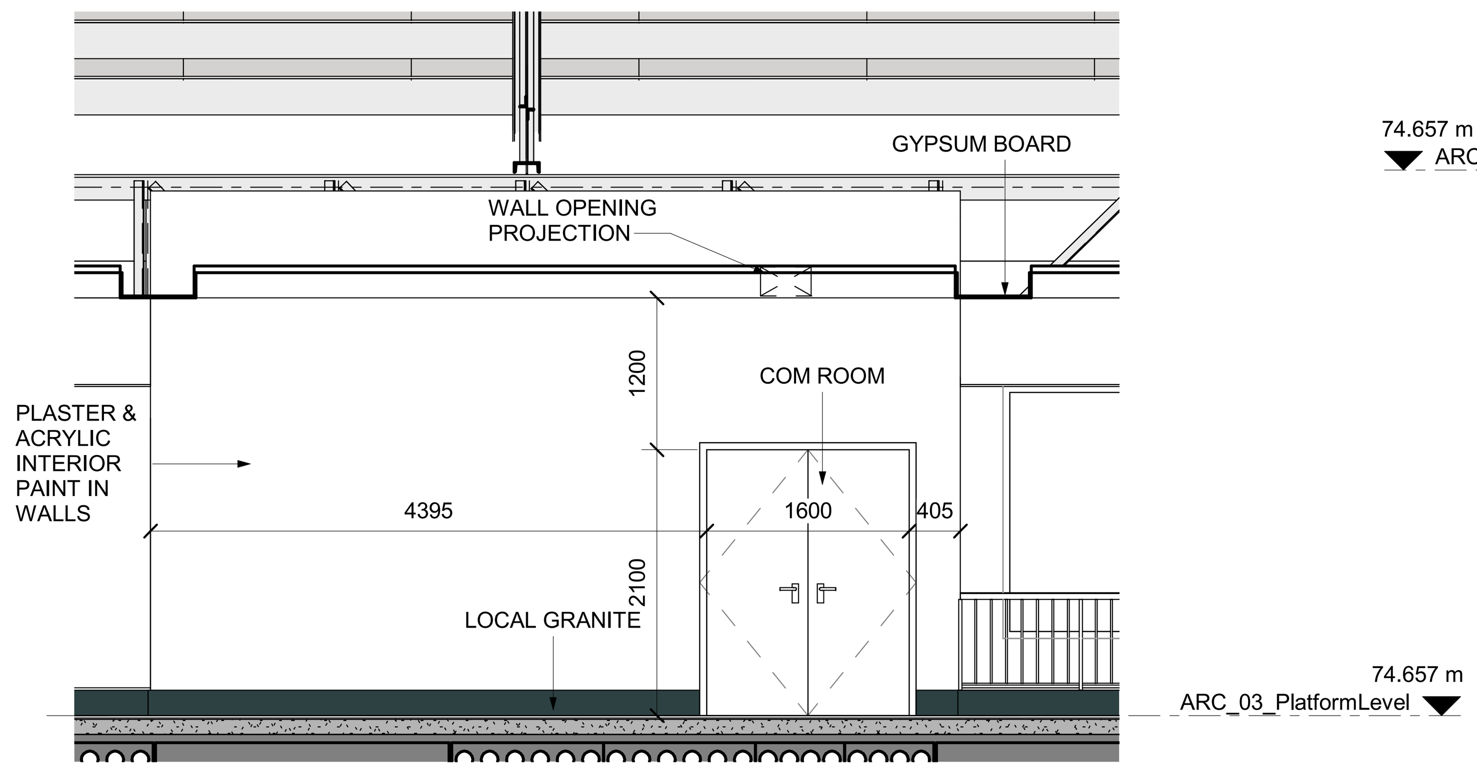
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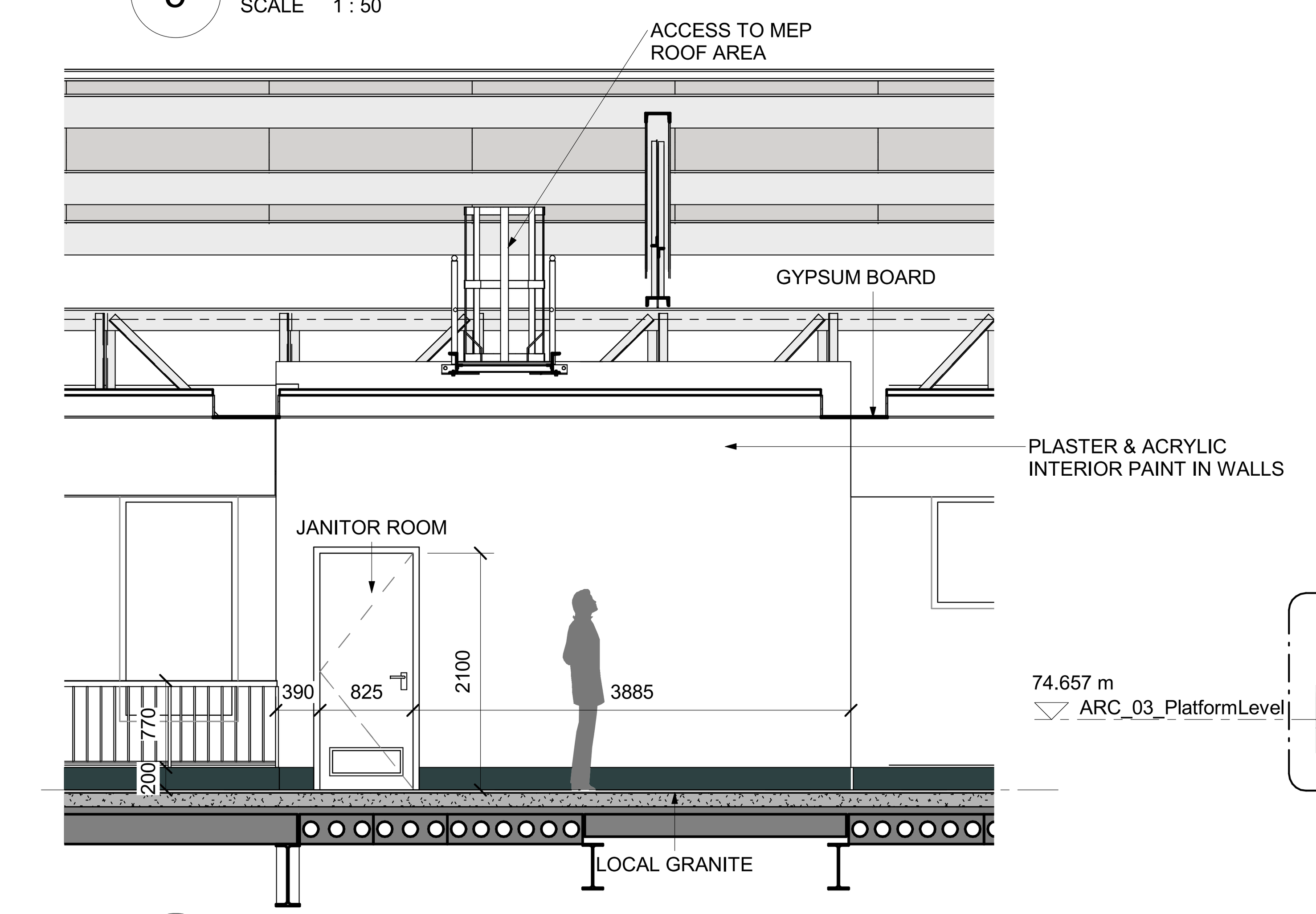
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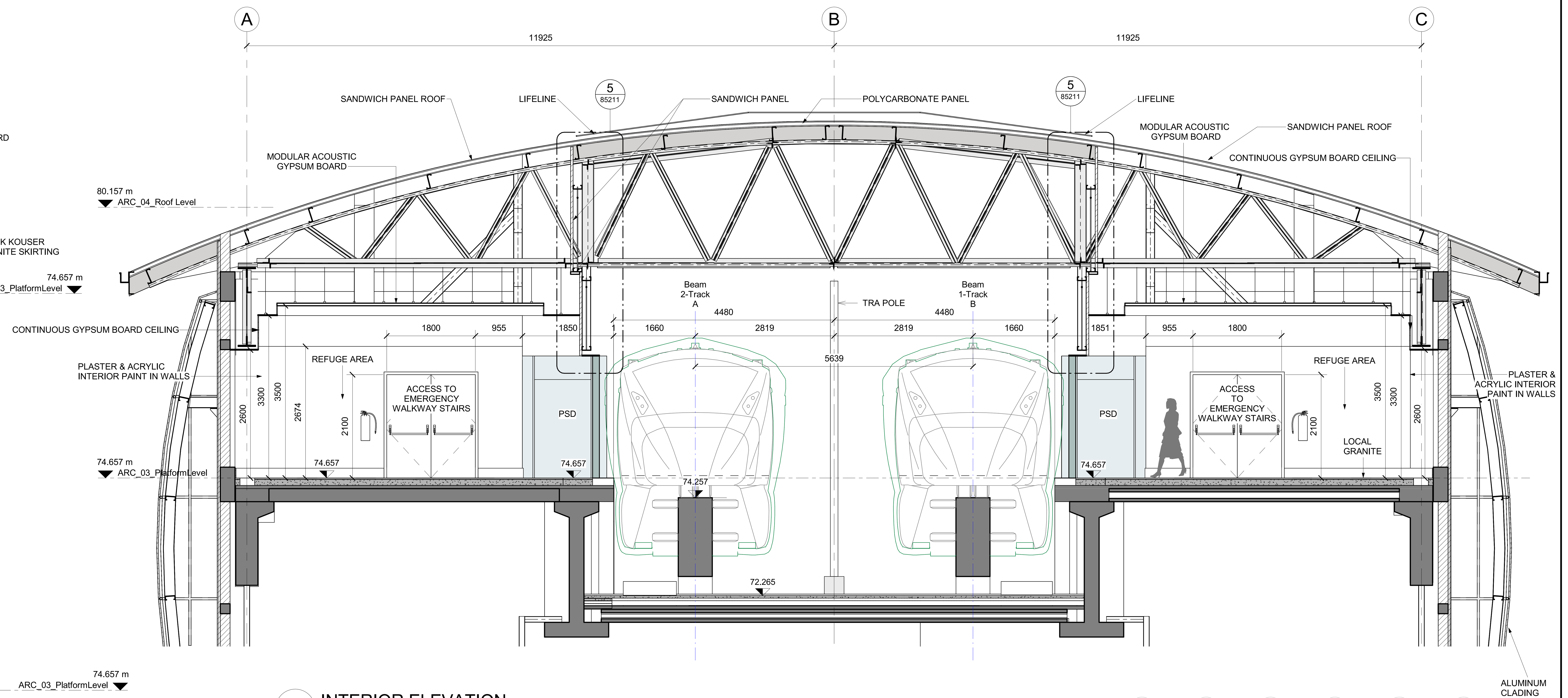
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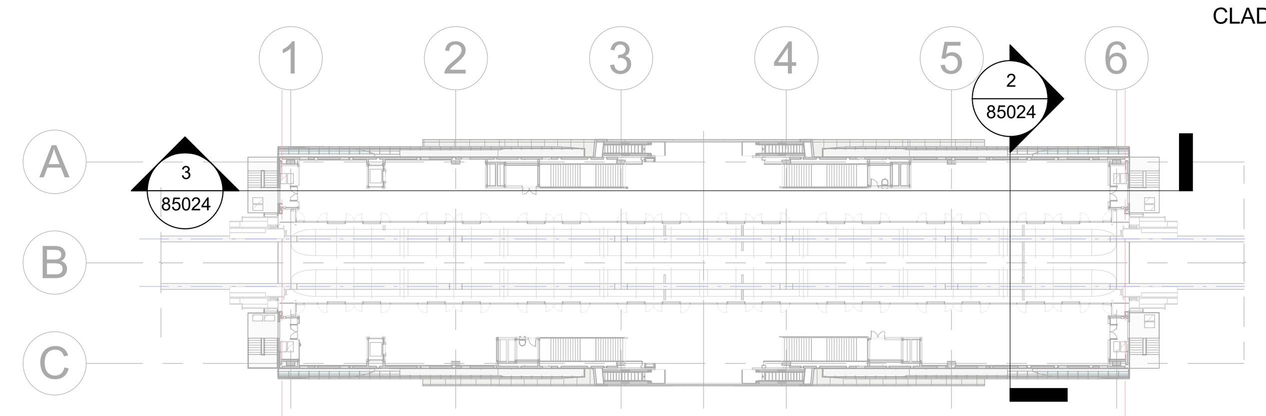
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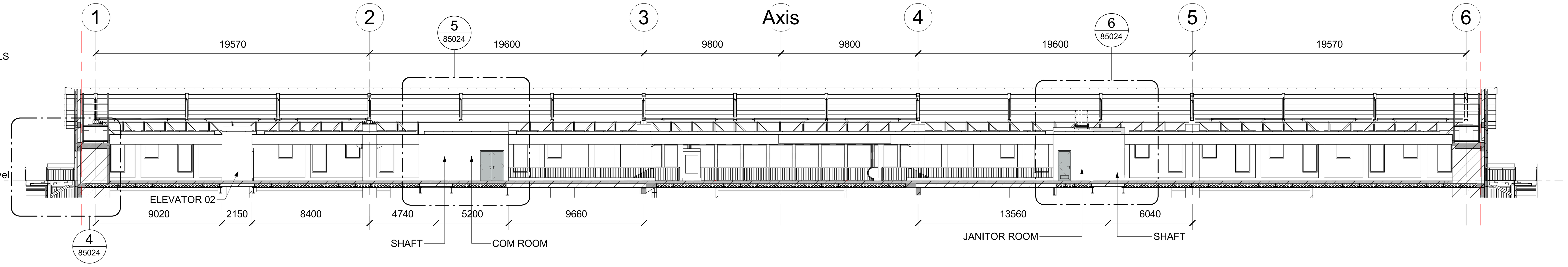
6 ELEVATION
SCALE 1 : 50



2 INTERIOR ELEVATION
SCALE 1 : 50



1 PLATFORM LEVEL
SCALE 1 : 750



3 LONGITUDINAL SECTION
SCALE 1 : 200

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* FOR CONTEXT PLANNING LEVELS AND DESIGN PLEASE REFER TO ACCES STAIRS ADAPTATION PACKAGES ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE.

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DIMENSIONS 1

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* FOR CONTEXT PLANNING LEVELS AND DESIGN PLEASE REFER TO ACCES STAIRS ADAPTATION PACKAGES ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE.

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل MINISTRY OF TRANSPORT — The Authority

Hill International — Authority Consultant

ORASCOM CONSTRUCTION — The Arab Contractors — BOMBARDIER — Main Contractor

SENER — SHAKER CONSULTANCY GROUP — Designer

KEY PLAN :

ORIGINAL FORMAT : A1 — DATE : 2023/06/09

SCALE : 1 : 100


PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.GROUND LEVEL DIMENSIONS 2

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85026	A



FROM GROUND LEVEL TO CONCOURSE LEVEL

FROM CONCOURSE LEVEL TO PLATFORM LEVEL (PROYECTION)

LOUVERS PROJECTION

(*) MEP SHAFT PROJECTION ACCESSIBLE FROM SUSPENDED CEILING

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0620-SHK-000PW-DDG-31103
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0540-SHK-000PW-DDG-31108
- 93M-0540-SHK-000PW-DDG-31109
- 93M-0540-SHK-000PW-DDG-31110
- 93M-0540-SHK-000PW-DDG-31111
- 93M-0540-SHK-000PW-DDG-31112
- 93M-0540-SHK-000PW-DDG-31114
- 93M-0540-SHK-000PW-DDG-31115

NOTES :
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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0403-SEN-000PW-END-53305
- 93M-0403-SEN-000PW-END-53306
- 93M-0403-SEN-000PW-END-53372
- 93M-0403-SEN-000PW-END-53396
- 93M-0404-SEN-000PW-END-53373
- 93M-0409-SEN-000PW-END-53360
- 93M-0407-SEN-000PW-END-53600 TO 93M-0407-SEN-000PW-END-53689

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant
ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor
SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
SCALE : 1 : 100
DATE : 2023/06/09
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL DIMENSIONS 1

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85027	A



(*) MEP SHAFT PROJECTION ACCESSIBLE FROM SUSPENDED CEILING

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0620-SHK-000PW-DDG-31103
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0540-SHK-000PW-DDG-31108
- 93M-0540-SHK-000PW-DDG-31109
- 93M-0540-SHK-000PW-DDG-31110
- 93M-0540-SHK-000PW-DDG-31111
- 93M-0540-SHK-000PW-DDG-31112
- 93M-0540-SHK-000PW-DDG-31114
- 93M-0540-SHK-000PW-DDG-31115

FROM GROUND LEVEL TO CONCOURSE LEVEL

FROM CONCOURSE LEVEL TO PLATFORM LEVEL (PROYECTION)

LOUVERS PROJECTION

NOTES :
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Designer

KEY PLAN :

ORIGINAL FORMAT : A1

SCALE : 1 : 100

DATE : 2023/06/09


PURPOSE OF ISSUE : FOR APPROVAL

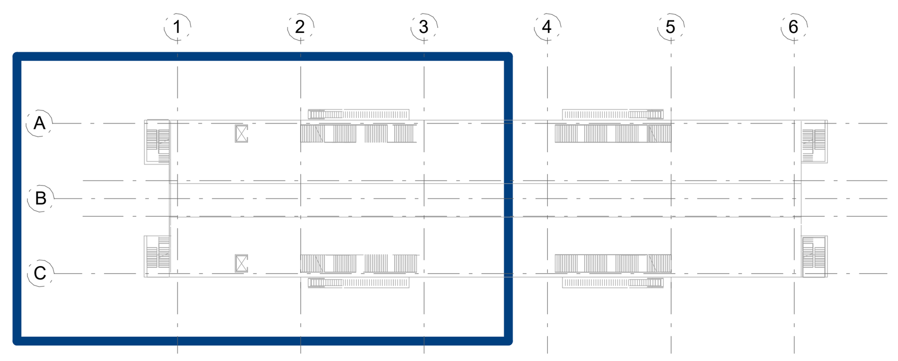
REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL
DIMENSIONS 2

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85028	A





DRAWINGS TO BE ANALYZED IN CONJUCTION WITH DOCUMENT NUMBER:
- 93M-0403-SEN-000PW-END-53400
- 93M-0403-SEN-000PW-END-53405
- 93M-0403-SEN-000PW-END-53406
- 93M-0403-SEN-000PW-END-53407
- 93M-0403-SEN-000PW-END-53460
- 93M-0407-SEN-000PW-END-53462

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0620-SHK-000PW-DDG-31103
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0540-SHK-000PW-DDG-31108
- 93M-0540-SHK-000PW-DDG-31109
- 93M-0540-SHK-000PW-DDG-31110
- 93M-0540-SHK-000PW-DDG-31111
- 93M-0540-SHK-000PW-DDG-31112
- 93M-0540-SHK-000PW-DDG-31114
- 93M-0540-SHK-000PW-DDG-31115

FROM GROUND LEVEL TO CONCOURSE LEVEL
FROM CONCOURSE LEVEL TO PLATFORM LEVEL (PROYECTION)

NOTES :
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SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

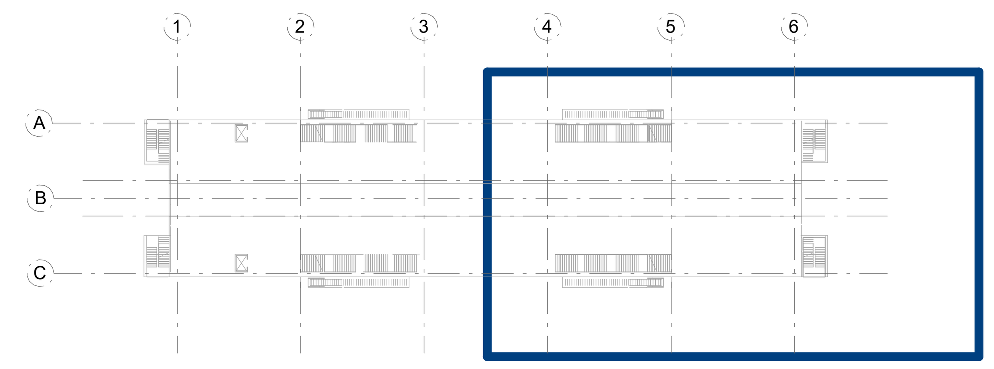
REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL DIMENSIONS 1

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85030	A





FROM GROUND LEVEL TO CONCOURSE LEVEL

FROM CONCOURSE LEVEL TO PLATFORM LEVEL (PROYECTION)

LOUVERS PROJECTION

NOTES :
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Main Contractor

SENER · SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : 1 : 100
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL DIMENSIONS 2

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85031	A



1 GROUND LEVEL
SCALE 1 : 200

0.00 m² — ROOM AREA
F W C S — SKIRTING, CEILING, WALL FINISHES, FLOOR FINISHES

WALL TYPES

- 100MM SOLID BLOCKWALL
- 120MM SOLID BLOCKWALL
- 200MM HOLLOW BLOCKWALL
- 250MM SOLID BLOCKWALL
- 200MM SOLID BLOCKWALL
- 200MM EXTERNAL SOLID BLOCK
- HIGH PRESSURE LAMINATED WALL
- POLYCARBONATE PANEL
- TRANSPARENT / OPAQUE DOUBLE GLAZING
- 200MM GYPSUM BOARD WALL

FLOOR FINISHES	
0	WITHOUT FINISH
1	LOCAL GRANITE FLOORING 20mm THK
2	ANTISLIDING CERAMIC TILES FLOOR
3	SMOOTH CONCRETE SURFACE ANTI STATIC RAISED FLOOR LOAD REQ BY BTC
4	EPOXY COATING ANTI DUST PAINT FLOOR
5	100mm SCREED FLOOR
6	WATERPROOFING CEMENTITIOUS COAT ON FLOOR

WALL FINISHES	
0	NO WALL FINISH
1	PLASTER AND ACRYLIC EXTERIOR PAINT ON WALLS
2	PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
3	CERAMIC TILES ON WALLS
4	PAINT ON FAIR FACE ON WALLS
5	MONORAIL MOTIF VINYL STICK ON PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
6	EPOXY ANTI DUST PAINT ON WALLS
7	WATERPROOFING CEMENTITIOUS COAT ON WALLS

CEILING FINISHES	
0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
4	PAINT ON FAIR FACE ON CEILING
5	METAL STUD EQUIPMENT SUPPORTING SYSTEM
6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
7	WATERPROOFING CEMENTITIOUS COAT ON CEILING

SKIRTING FINISHES	
0	NO SKIRTING FINISH
1	100mm OR 200mm HEIGHT AND 20mm THICKNESS GRANITE SKIRTING
2	EPOXY ANTI DUST PAINT SKIRTING
3	CERAMIC TILES SKIRTING
4	WOODEN OR PVC SKIRTING
5	950mm HEIGHT AND 20mm THICKNESS GRANITE SKIRTING

NOTES :
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REFERENCE DRAWINGS :

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2	93M-0410-SEN-000PW-END-85325
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SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

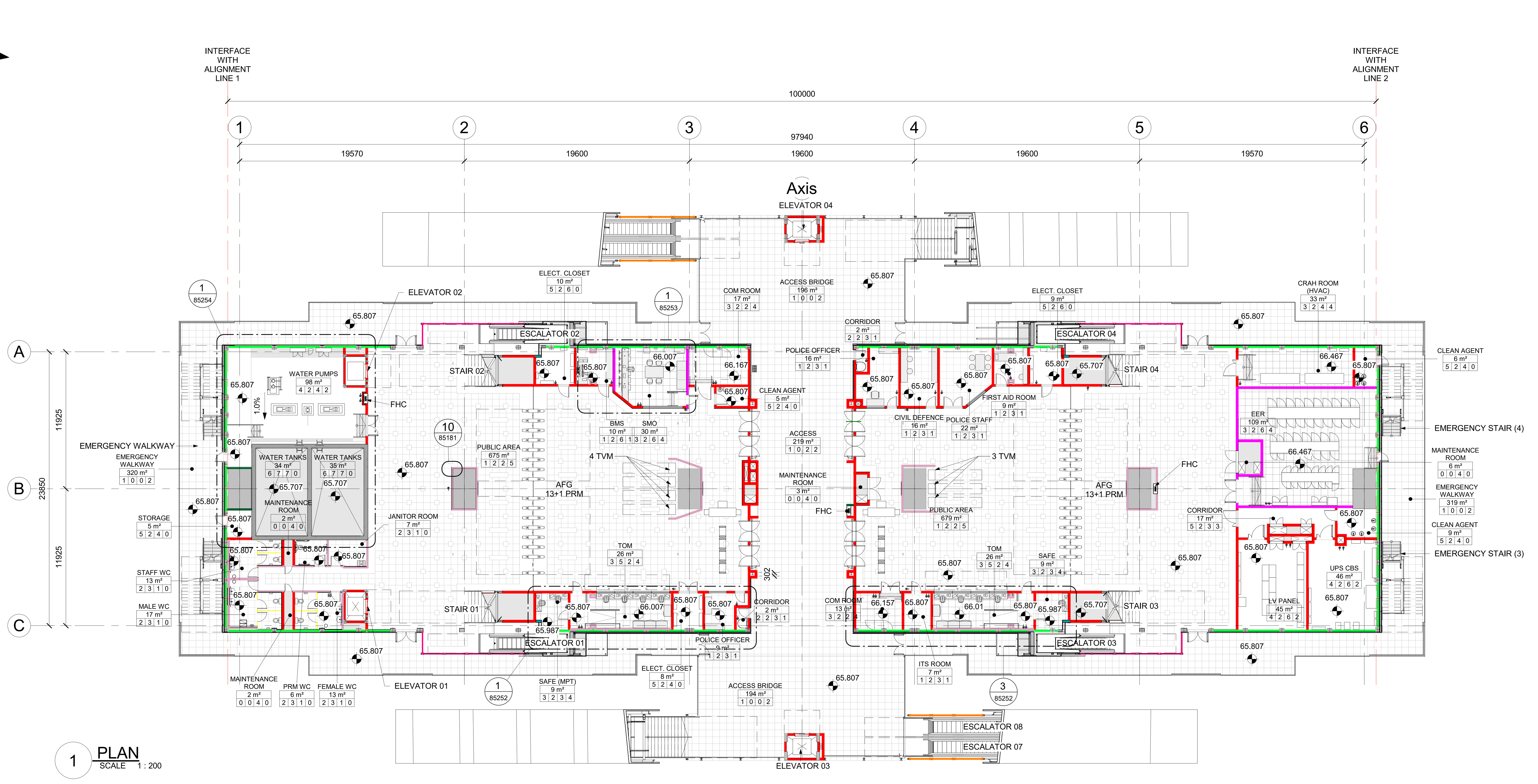
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
FINISHING PLANS
CLOSED STATION PROTOTYPE 3.GROUND LEVEL FINISHES

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85035	A



	FLOOR FINISHES
0	WITHOUT FINISH
1	LOCAL GRANITE FLOORING 20mm THK
2	ANTISLIDING CERAMIC TILES FLOOR
3	SMOOTH CONCRETE SURFACE ANTI STATIC RAISED FLOOR LOAD REQ BY BTC
4	EPOXY COATING ANTI DUST PAINT FLOOR
5	100mm SCREED FLOOR
6	WATERPROOFING CEMENTITIOUS COAT ON FLOOR

	WALL FINISHES
0	NO WALL FINISH
1	PLASTER AND ACRYLIC EXTERIOR PAINT ON WALLS
2	PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
3	CERAMIC TILES ON WALLS
4	PAINT ON FAIR FACE ON WALLS
5	MONORAIL MOTIF VINYL STICK ON PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
6	EPOXY ANTI DUST PAINT ON WALLS
7	WATERPROOFING CEMENTITIOUS COAT ON WALLS

	CEILING FINISHES
0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
4	PAINT ON FAIR FACE ON CEILING
5	METAL STUD EQUIPMENT SUPPORTING SYSTEM
6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
7	WATERPROOFING CEMENTITIOUS COAT ON CEILING

*THE SAME CEILING FINISHES TABLE IS USED FOR ALL PROTOTYPES
FINISH PROTOTYPE 5 IS NOT APPLICABLE FOR CLOSED STATIONS

	SKIRTING FINISHES
0	NO SKIRTING FINISH
1	100mm OR 200mm HEIGHT AND 20mm THICKNESS GRANITE SKIRTING
2	EPOXY ANTI DUST PAINT SKIRTING
3	CERAMIC TILES SKIRTING
4	WOODEN OR PVC SKIRTING
5	950mm HEIGHT AND 20mm THICKNESS GRANITE SKIRTING

WALL TYPES

Colour	Wall type
Pale pink	100MM SOLID BLOCKWALL
Dark green	120MM SOLID BLOCKWALL
Red	200MM HOLLOW BLOCKWALL
Blue	250MM SOLID BLOCKWALL
Magenta	200MM SOLID BLOCKWALL
Green	200MM EXTERNAL SOLID BLOCK
Yellow	HIGH PRESSURE LAMINATED WALL
Orange	POLYCARBONATE PANEL
Pink	TRANSPARENT / OPAQUE DOUBLE GLAZING
Cyan	200MM GYPSUM BOARD WALL

0.00 m² — ROOM AREA
F W C S
S — SKIRTING
C — CEILING
W — WALL FINISHES
F — FLOOR FINISHES

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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0403-SEN-000PW-END-53730 TO 93M-0403-SEN-000PW-END-13740
- 93M-0410-SEN-000PW-END-53035
- 93M-0410-SEN-000PW-END-53036
- 93M-0403-SEN-000PW-END-53305
- 93M-0404-SEN-000PW-END-53373
FOR CEILING DRAWINGS: REFER TO DRAWING REFERENCE:
93M-0410-SEN-000PW-END-85040; 93M-0410-SEN-000PW-END-85041 FOR CONCOURSE LEVEL
93M-0410-SEN-000PW-END-85042; 93M-0410-SEN-000PW-END-85043 FOR PLATFORM LEVEL
93M-0410-SEN-000PW-END-85039 FOR GROUND FLOOR

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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KEY PLAN :

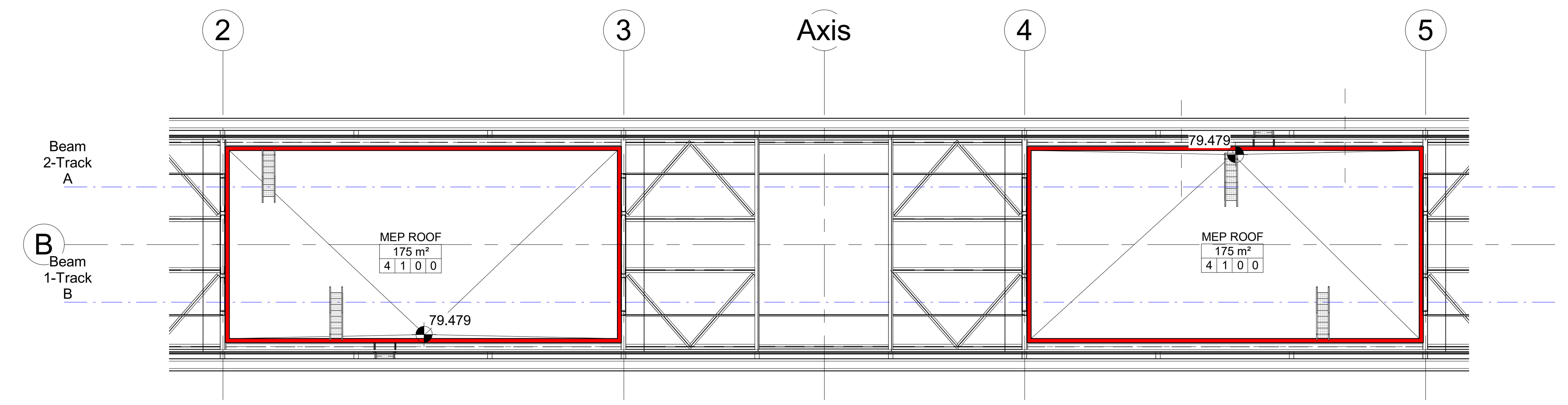
ORIGINAL FORMAT : A1
DATE : 2023/06/09
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PURPOSE OF ISSUE : FOR APPROVAL

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A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

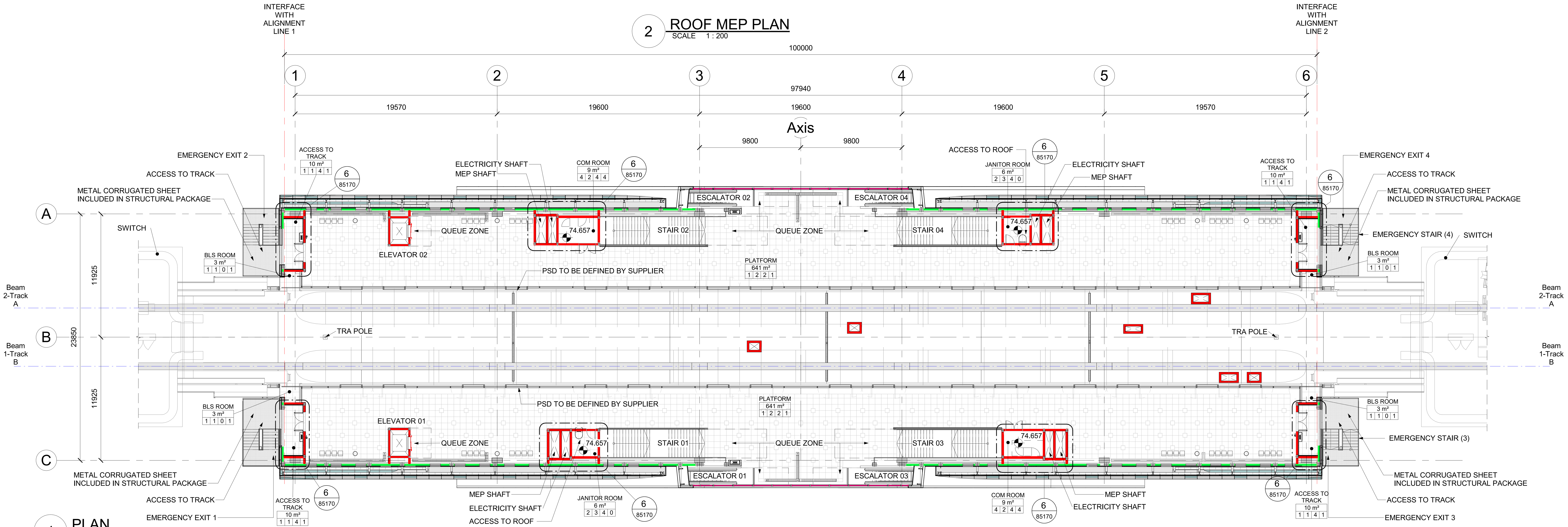
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
FINISHING PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL FINISHES

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85036	A



2 ROOF MEP PLAN
SCALE 1 : 200



1 PLAN
SCALE 1 : 200

FLOOR FINISHES	
0	WITHOUT FINISH
1	LOCAL GRANITE FLOORING 20mm THK
2	ANTISLIDING CERAMIC TILES FLOOR
3	SMOOTH CONCRETE SURFACE ANTI STATIC RAISED FLOOR LOAD REQ BY BTC
4	EPOXY COATING ANTI DUST PAINT FLOOR
5	100mm SCREED FLOOR
6	WATERPROOFING CEMENTITIOUS COAT ON FLOOR

WALL FINISHES	
0	NO WALL FINISH
1	PLASTER AND ACRYLIC EXTERIOR PAINT ON WALLS
2	PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
3	CERAMIC TILES ON WALLS
4	PAINT ON FAIR FACE ON WALLS
5	MONORAIL MOTIF VINYL STICK ON PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
6	EPOXY ANTI DUST PAINT ON WALLS
7	WATERPROOFING CEMENTITIOUS COAT ON WALLS

CEILING FINISHES	
0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
4	PAINT ON FAIR FACE ON CEILING
5	METAL STUD EQUIPMENT SUPPORTING SYSTEM
6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
7	WATERPROOFING CEMENTITIOUS COAT ON CEILING

SKIRTING FINISHES	
0	NO SKIRTING FINISH
1	100mm OR 200mm HEIGHT AND 20mm THICKNESS GRANITE SKIRTING
2	EPOXY ANTI DUST PAINT SKIRTING
3	CERAMIC TILES SKIRTING
4	WOODEN OR PVC SKIRTING
5	950mm HEIGHT AND 20mm THICKNESS GRANITE SKIRTING

0.00 m² — ROOM AREA
F W C S — SKIRTING
CEILING
WALL FINISHES
FLOOR FINISHES

WALL TYPES

- 100MM SOLID BLOCKWALL
- 120MM SOLID BLOCKWALL
- 200MM HOLLOW BLOCKWALL
- 250MM SOLID BLOCKWALL
- 200MM SOLID BLOCKWALL
- 200MM EXTERNAL SOLID BLOCK
- HIGH PRESSURE LAMINATED WALL
- POLYCARBONATE PANEL
- TRANSPARENT / OPAQUE DOUBLE GLAZING
- 200MM GYPSUM BOARD WALL

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
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* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.
DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0403-SEN-000PW-END-53730 TO 93M-0403-SEN-000PW-END-13740
- 93M-0410-SEN-000PW-END-53035
- 93M-0410-SEN-000PW-END-53036
- 93M-0403-SEN-000PW-END-53305
- 93M-0404-SEN-000PW-END-53373
FOR CEILING DRAWINGS: REFER TO DRAWING REFERENCE:
93M-0410-SEN-000PW-END-85040; 93M-0410-SEN-000PW-END-85041 FOR CONCOURSE LEVEL
93M-0410-SEN-000PW-END-85042; 93M-0410-SEN-000PW-END-85043 FOR PLATFORM LEVEL
93M-0410-SEN-000PW-END-85039 FOR GROUND FLOOR

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant
ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor
SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

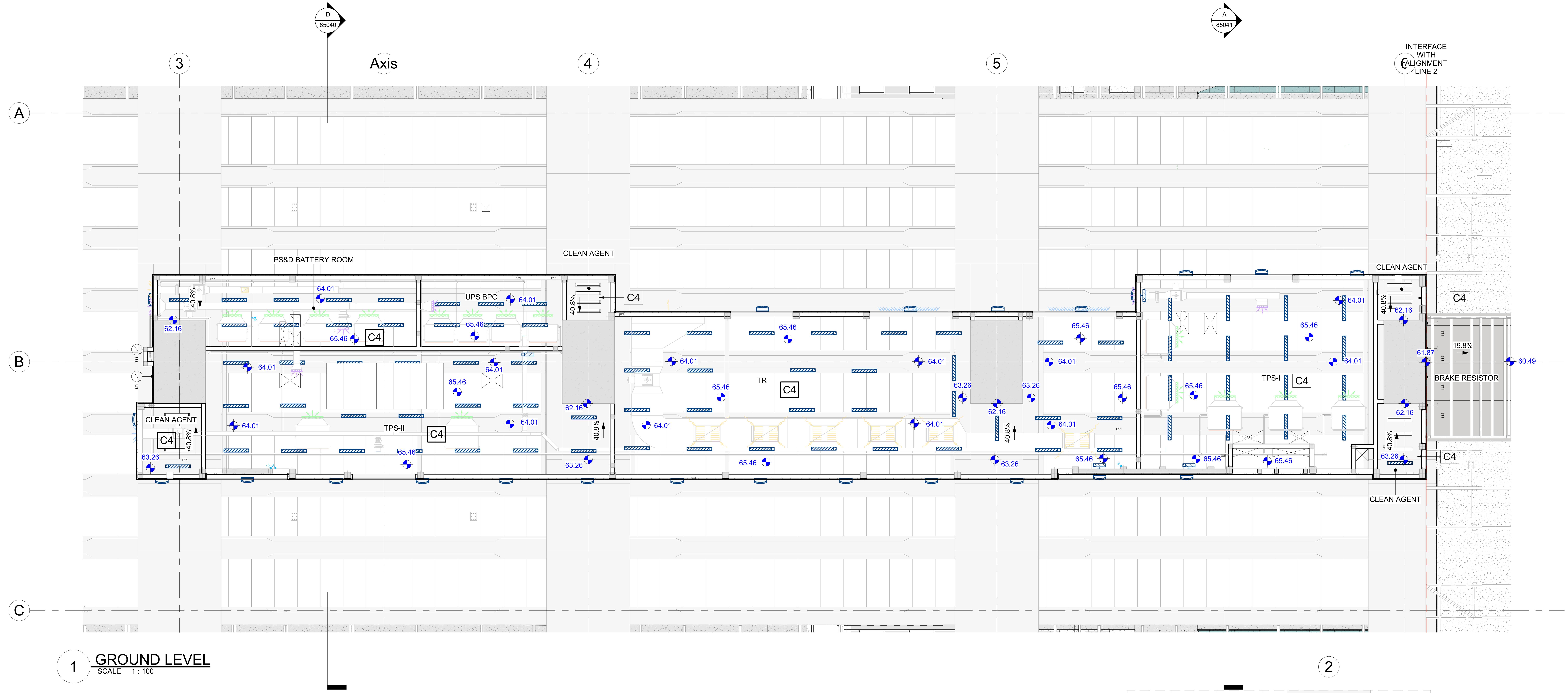
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

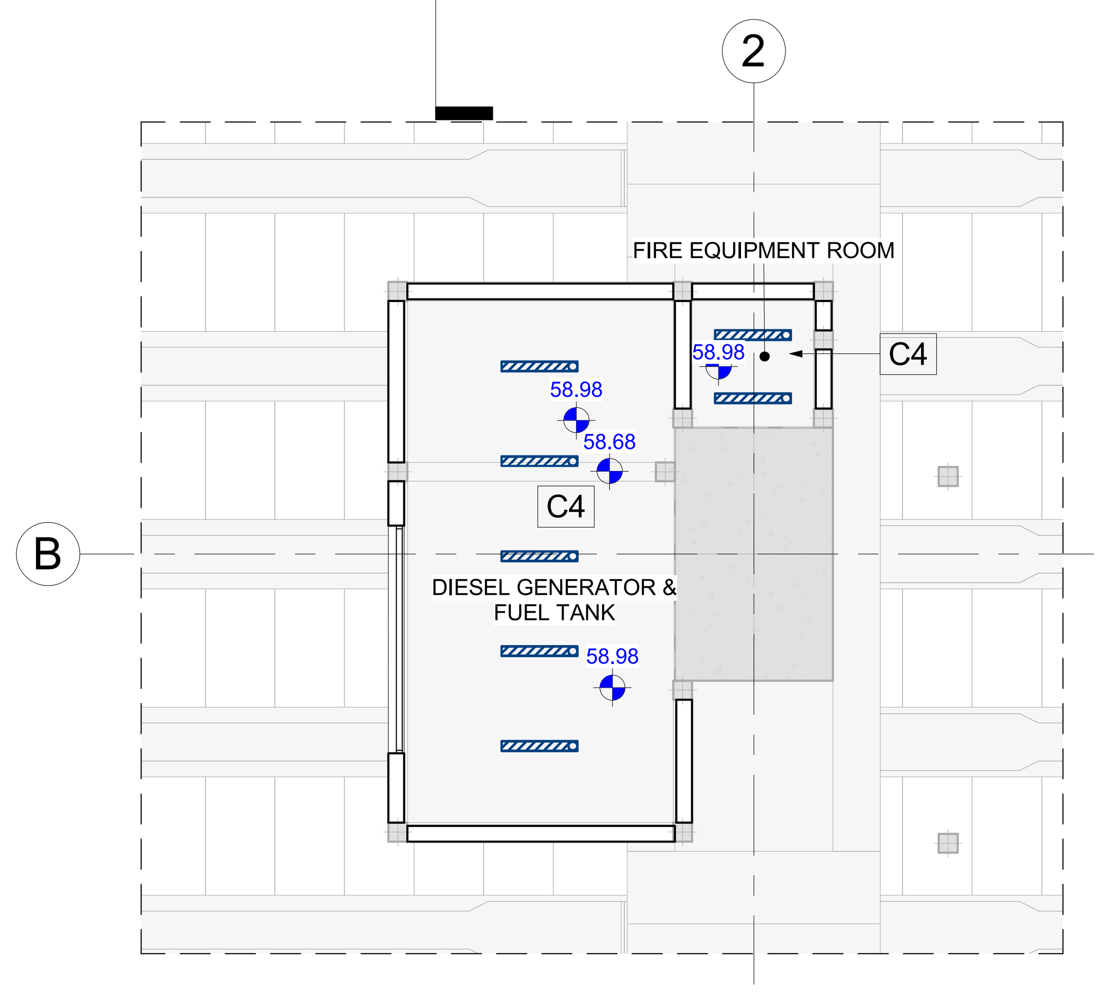
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
FINISHING PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL FINISHES & ROOF MEP FINISHES

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85037	A



1 GROUND LEVEL
SCALE 1 : 100



2 GENERATOR AND FIRE EQUIPMENT ROOM CEILING PLAN
SCALE 1 : 100

CEILING FINISHES	
0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
4	PAINT ON FAIR FACE ON CEILING
5	METAL STUD EQUIPMENT SUPPORTING SYSTEM
6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
7	WATERPROOFING CEMENTITIOUS COAT ON CEILING

LIGHTING FIXTURES LEGEND

TYPE	SIMBOL	TYPE	SIMBOL
FL1		W01/CB	
FL1/E		EX1	
FL1/CB		EX2	
FL1		FL11	
FL1/E		FL11/E	
F01		ST1	
F01/E		W02	
F01/CB		W02/E	
F01/D		CL	
F01/D/E		W06	
F01/D/CB		W06/E	
D01		W06/CB	
D01/E		FL3	
D01/CB		FL3/E	
D02		FL3/CB	
D02/E		ACTIVE CONTROL MODULE	ACM
D02/CB			

FIRE ALARM AND VOICE EVACUATION SYSTEM

- PENDANT CONCEALED SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD
- ADDRESSABLE INTELLIGENT SMOKE DETECTOR
- ADDRESSABLE INTELLIGENT SMOKE DETECTOR WITH FAULT ISOLATOR
- ADDRESSABLE INTELLIGENT HEAT DETECTOR
- ADDRESSABLE INTELLIGENT WALL MOUNTED SMOKE DETECTOR
- ADDRESSABLE INTELLIGENT FIRE ALARM SMOKE DETECTOR ABOVE FALSE CEILING. INTEGRATED WITH LED INDICATOR.
- CARBON MONOXIDE DETECTOR
- ADDRESSABLE INTELLIGENT DUCT SMOKE DETECTOR
- SOUNDER WITH STROBE LIGHT WALL MOUNTED
- SOUNDER WITH STROBE LIGHT WALL MOUNTED WEATHER PROOF

HVAC LEGEND

- SUPPLY SQUARE CEILING DIFFUSER 4 WAY
- RETURN/EXHAUST SQUARE CEILING DIFFUSER
- EXHAUST AIR GRILLE
- SUPPLY SIDE AIR GRILLE
- RETURN / EXHAUST SIDE AIR GRILLE
- FRESH AIR INTAKE LOUVER
- EXHAUST AIR LOUVER
- CCTV

FLOOR ELEVATION

CEILING ELEVATION

FALSE CEILING (THE REST OF THE ROOM WITHOUT FALSE CEILING)

NOTES :
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* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN
* FOR CONTEXT PLANNING LEVELS AND DESIGN PLEASE REFER TO ACCES STAIRS ADAPTATION PACKAGES ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE.

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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MINISTRY OF TRANSPORT
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ORASCOM CONSTRUCTION
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

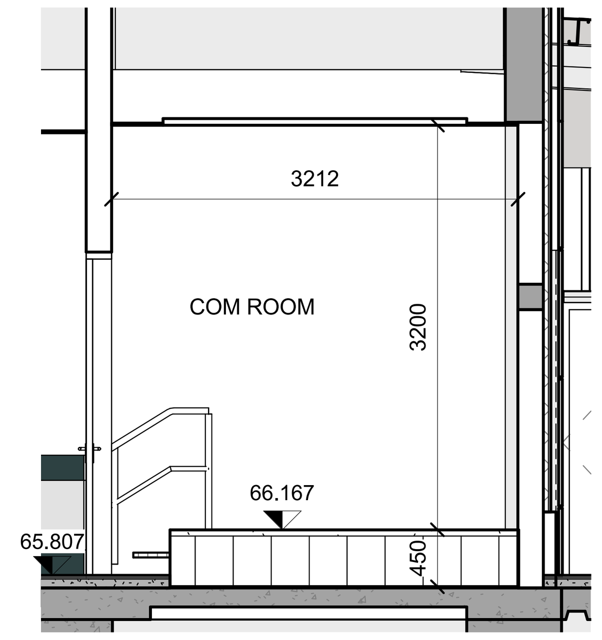
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SCALE : 1 : 100
DATE : 2023/06/09
PURPOSE OF ISSUE : FOR APPROVAL

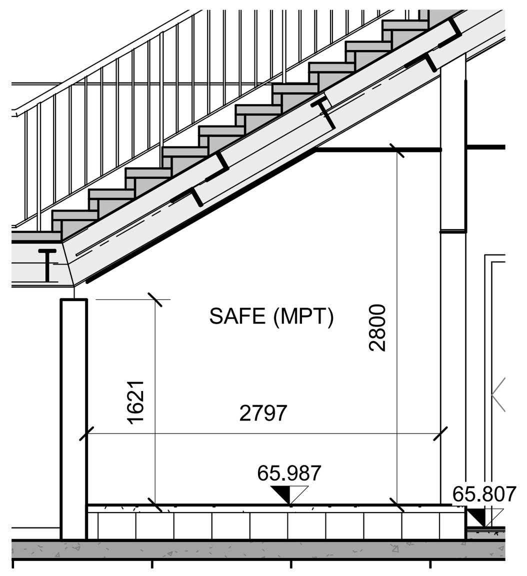
REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.GROUND LEVEL RC PLAN

Page: 1 of 1

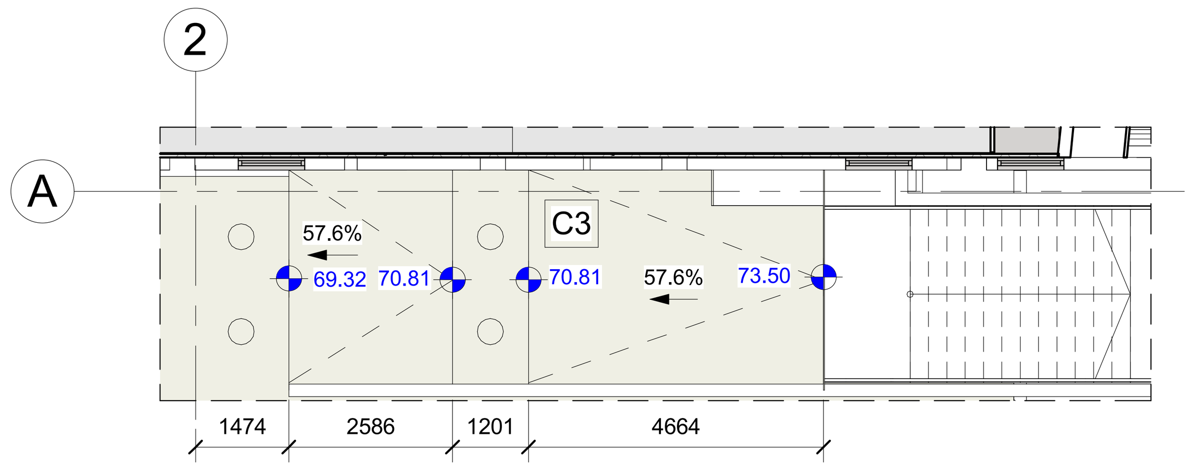
Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85039	-	A





5 SECTION
SCALE 1 : 50

4 SECTION
SCALE 1 : 50



3 CEILING DETAIL
SCALE 1 : 100

71,43
69,81
72,48

FLOOR ELEVATION
CEILING ELEVATION

SIGNALING / PAS / CCTV LEGEND

- LOUDSPEAKER CEILING TYPE - A
- LOUDSPEAKER CEILING TYPE - B
- AMBIENT NOISE SENSOR (Ceiling Mounted)
- BLS ANTENNA

LIGHTING FIXTURES LEGEND

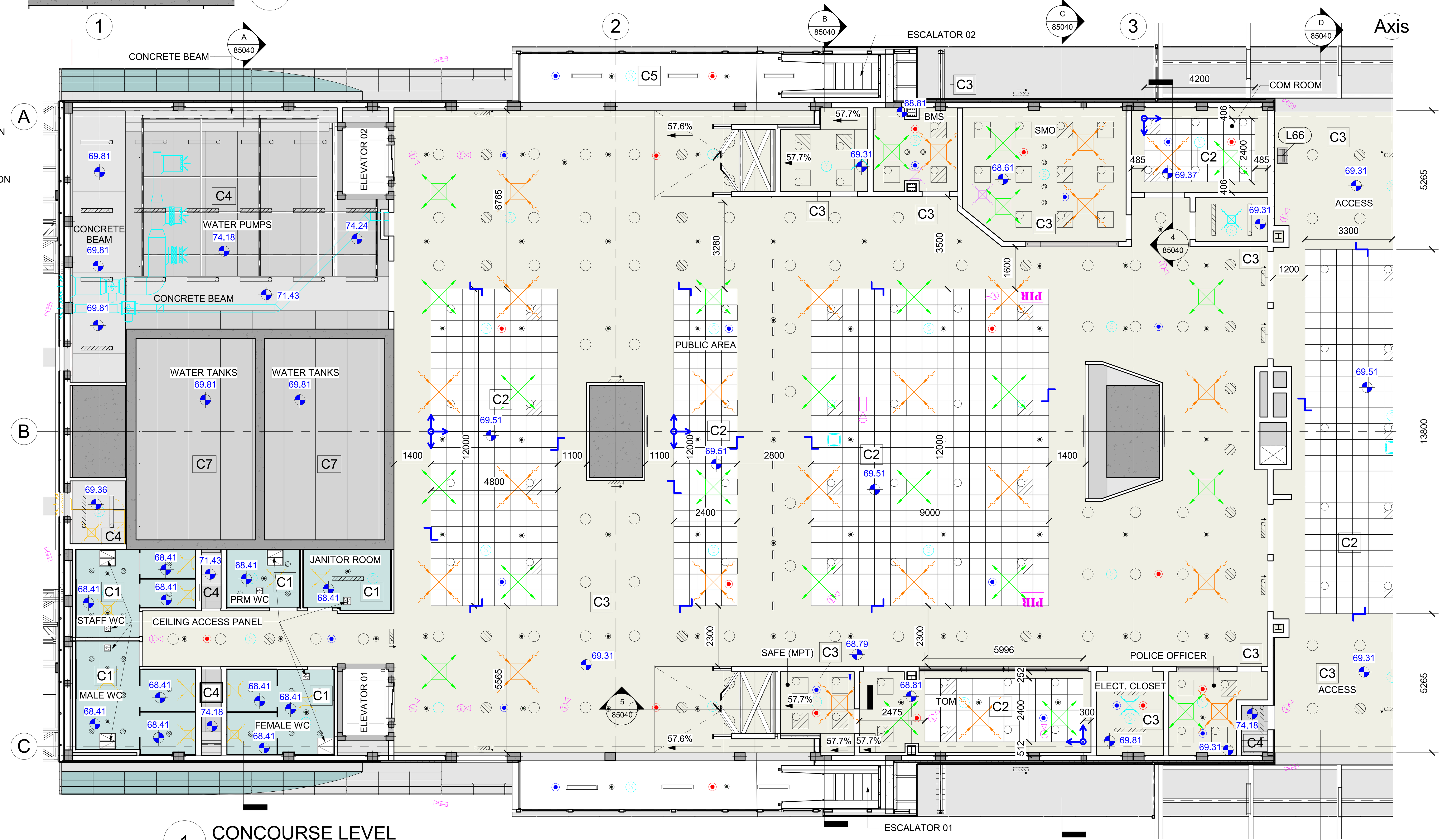
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FL1/E		EX1	
FL1/CB		EX2	
FL1		FL11	
FL1/E		FL11/E	
F01		ST1	
F01/E		W02	
F01/CB		W02/E	
F01/D		CL	
F01/D/E		W06	
F01/D/CB		W06/E	
D01		W06/CB	
D01/E		FL3	
D01/CB		FL3/E	
D02		FL3/CB	
D02/E		ACTIVE CONTROL MODULE	ACM
D02/CB			

HVAC LEGEND

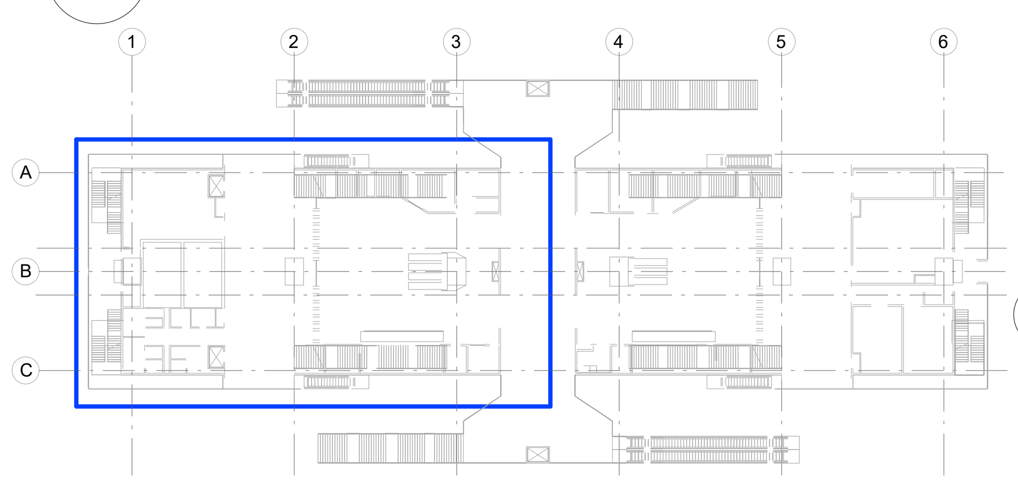
- SUPPLY SQUARE CEILING DIFFUSER 4 WAY
- RETURN/EXHAUST SQUARE CEILING DIFFUSER
- EXHAUST AIR GRILLE
- SUPPLY SIDE AIR GRILLE
- RETURN / EXHAUST SIDE AIR GRILLE
- FRESH AIR INTAKE LOUVER
- EXHAUST AIR LOUVER
- CCTV

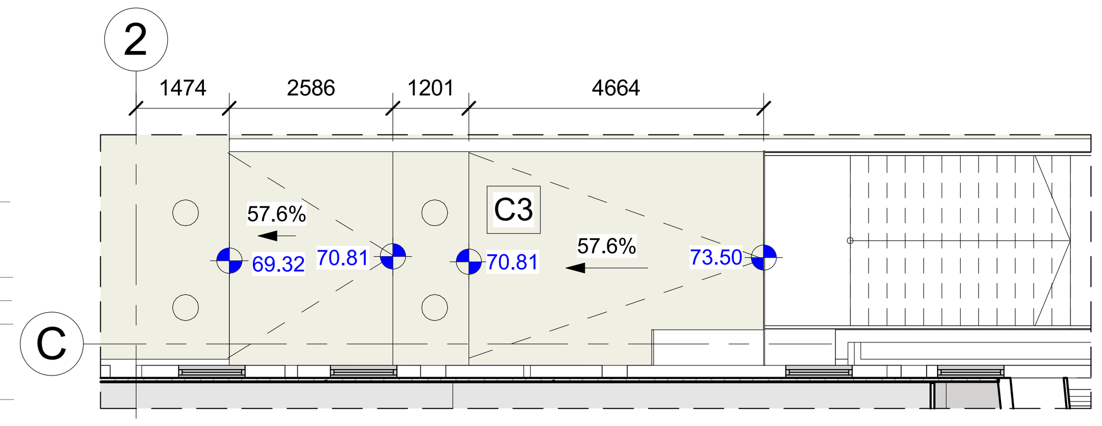
FIRE ALARM AND VOICE EVACUATION SYSTEM

- PENDANT CONCEALED SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD
- ADDRESSABLE INTELLIGENT SMOKE DETECTOR
- ADDRESSABLE INTELLIGENT SMOKE DETECTOR WITH FAULT ISOLATOR
- ADDRESSABLE INTELLIGENT HEAT DETECTOR
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- ADDRESSABLE INTELLIGENT FIRE ALARM SMOKE DETECTOR ABOVE FALSE CEILING. INTEGRATED WITH LED INDICATOR.
- CARBON MONOXIDE DETECTOR
- ADDRESSABLE INTELLIGENT DUCT SMOKE DETECTOR
- SOUNDER WITH STROBE LIGHT WALL MOUNTED
- SOUNDER WITH STROBE LIGHT WALL MOUNTED WEATHER PROOF

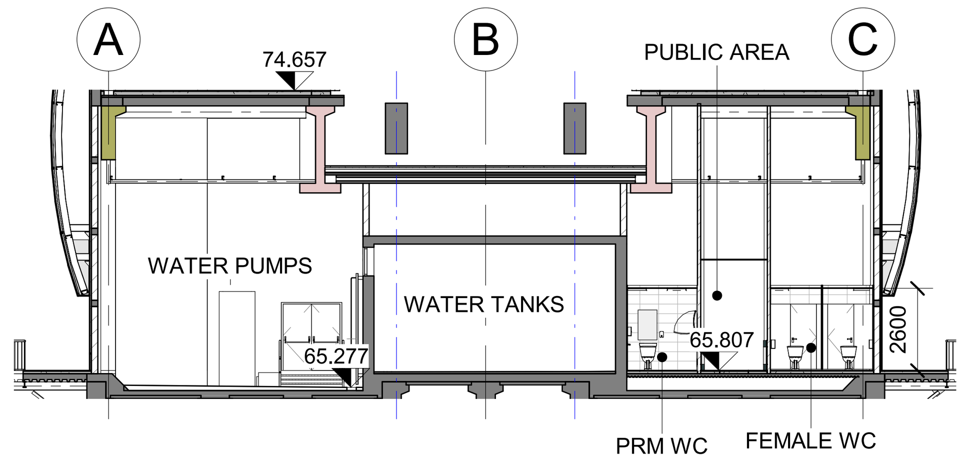


1 CONCOURSE LEVEL
SCALE 1 : 100

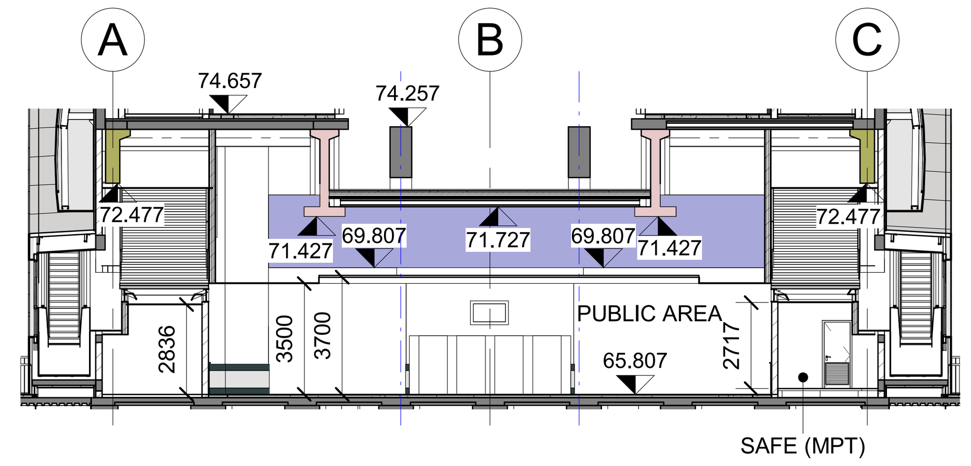




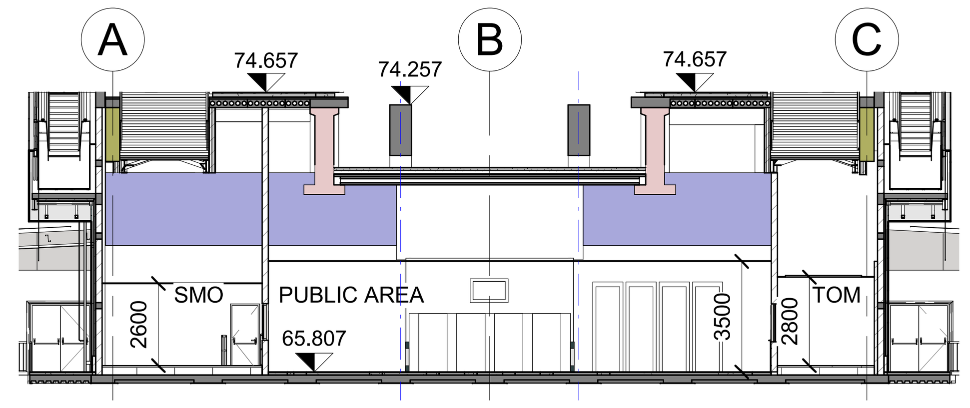
2 CEILING DETAIL
SCALE 1 : 100



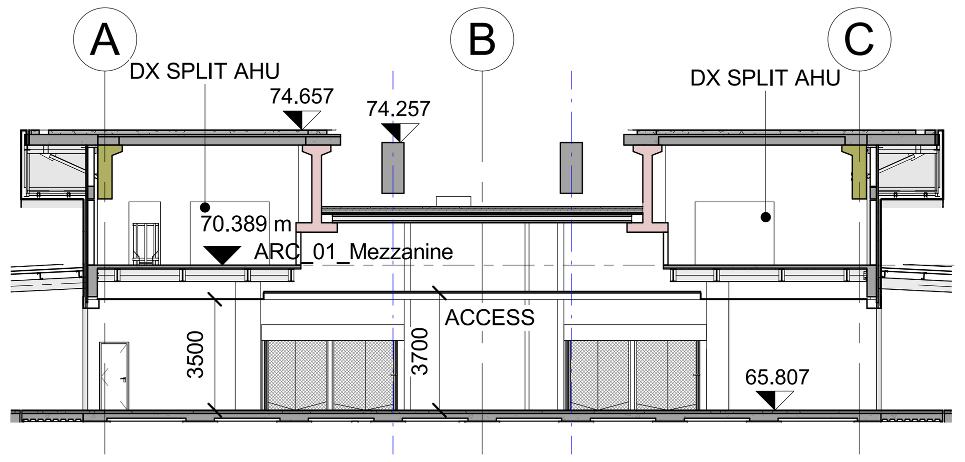
A SECTION
SCALE 1 : 200



B SECTION
SCALE 1 : 200



C SECTION
SCALE 1 : 200



D SECTION
SCALE 1 : 200

	CEILING FINISHES
0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
4	PAINT ON FAIR FACE ON CEILING
5	METAL STUD EQUIPMENT SUPPORTING SYSTEM
6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
7	WATERPROOFING CEMENTITIOUS COAT ON CEILING

NOTES :
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** SUPPORT SYSTEM TO BE PROVIDED WHERE NEEDED FOR LIGHTING FIXTURES ARRANGEMENT.

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31004
- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31017
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0540-SHK-000PW-DDG-31110

REFERENCE DRAWINGS :

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4	
5	
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The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

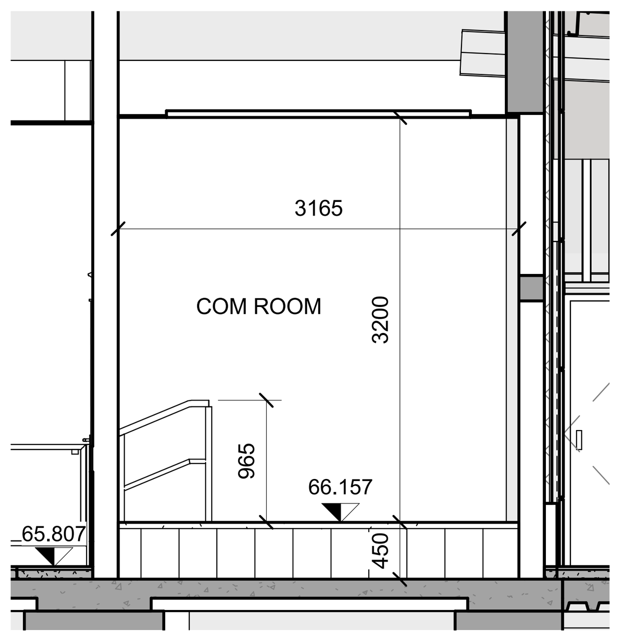
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SCALE : As indicated
DATE : 2023/06/09
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
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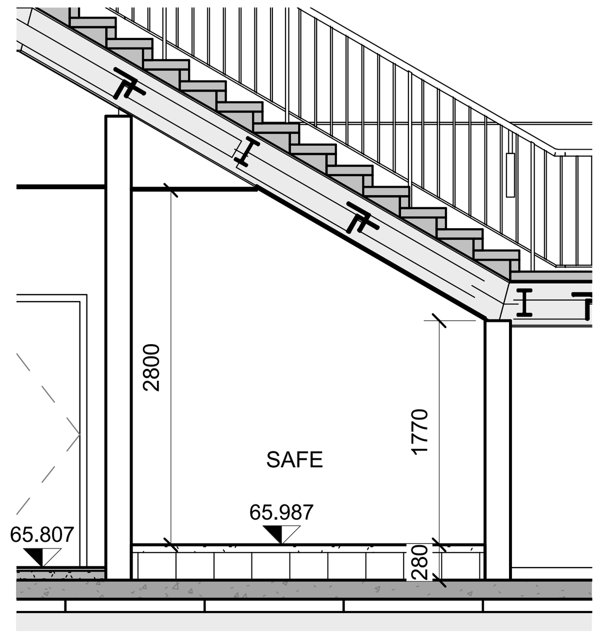
DRAWING TITLE : DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL RC PLAN 1

Page: 1 of 1

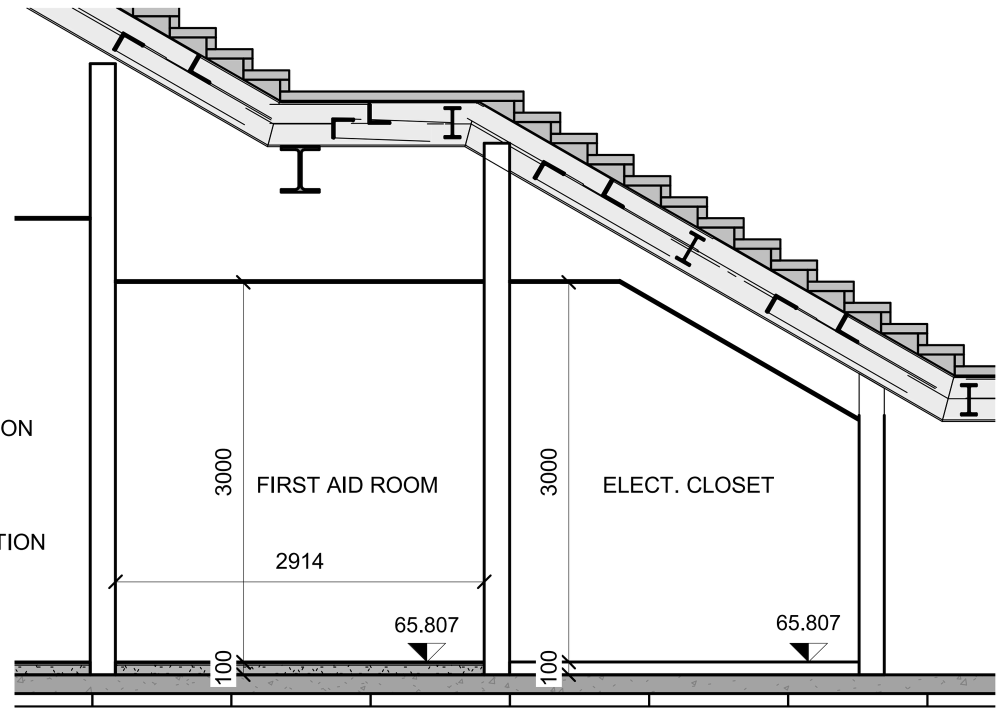
Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85040	-	A



4 SECTION
SCALE 1 : 50



5 SECTION
SCALE 1 : 50



6 SECTION
SCALE 1 : 50

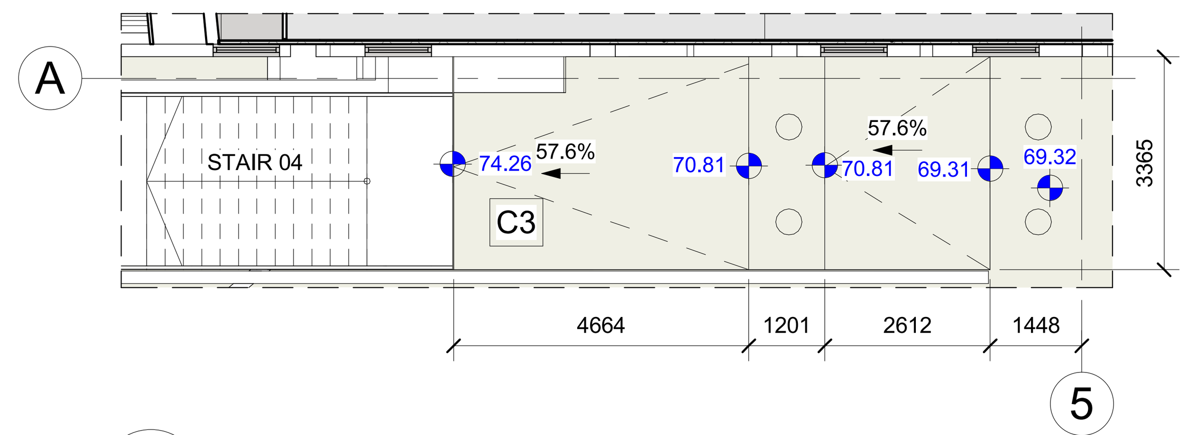
FLOOR ELEVATION

CEILING ELEVATION

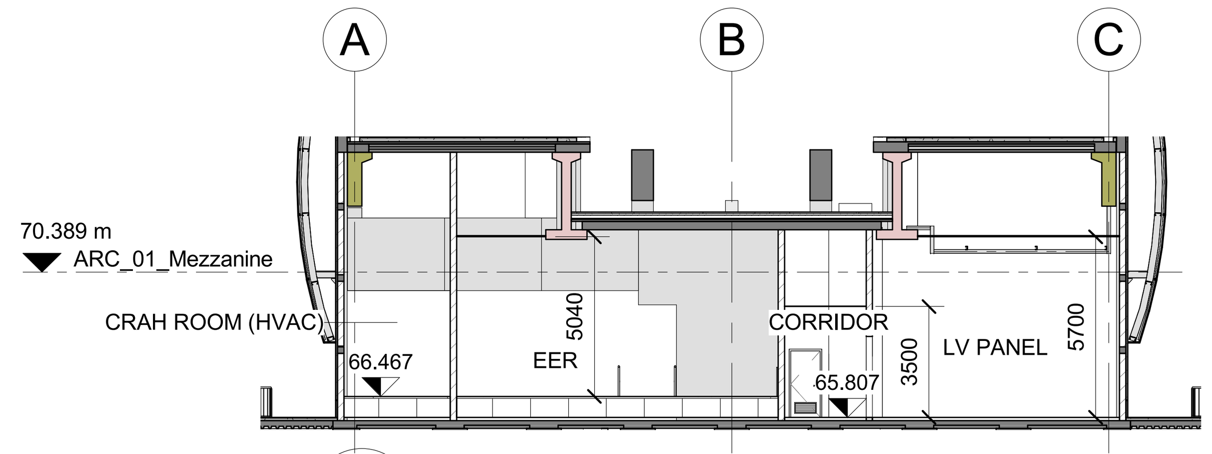
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69,81

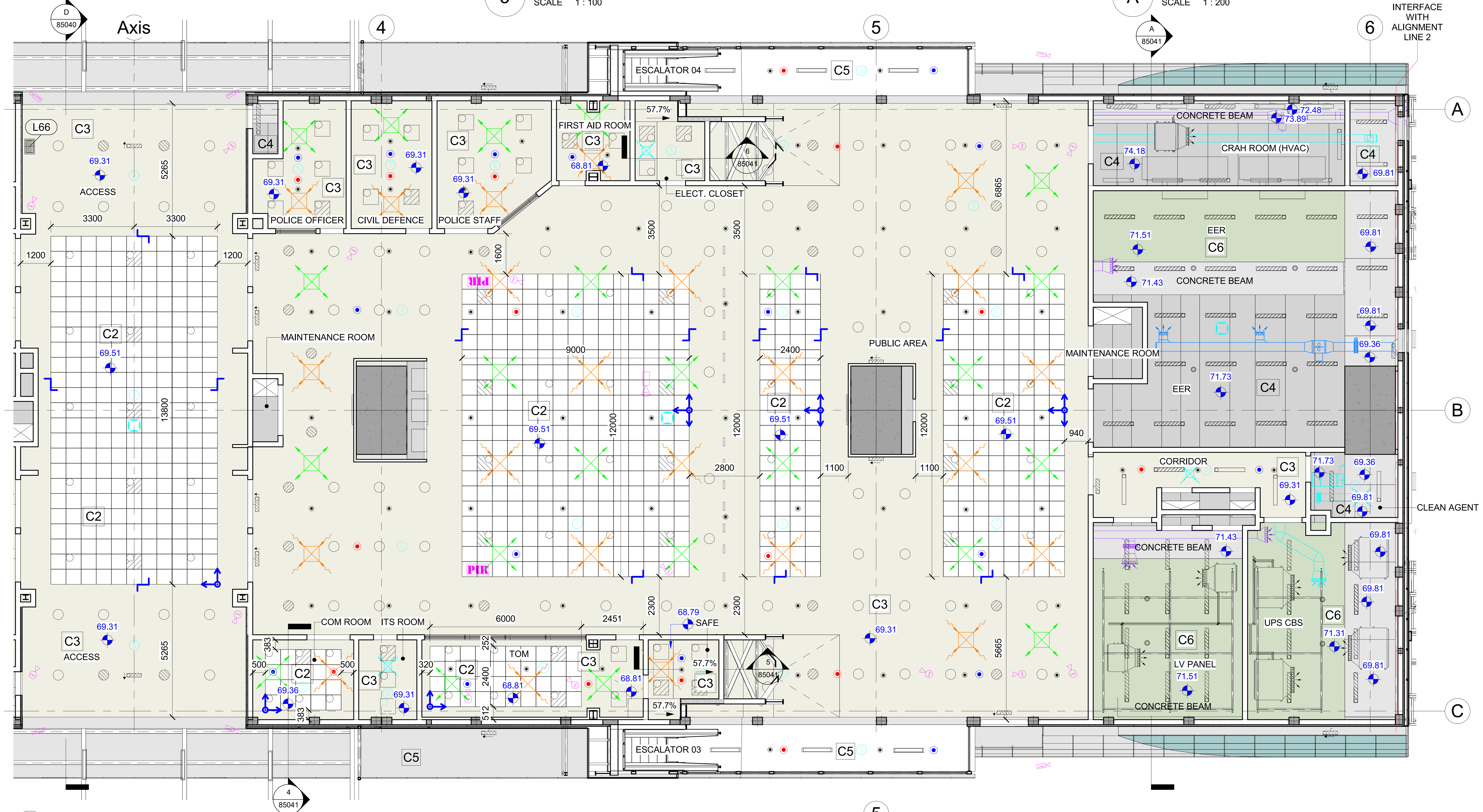
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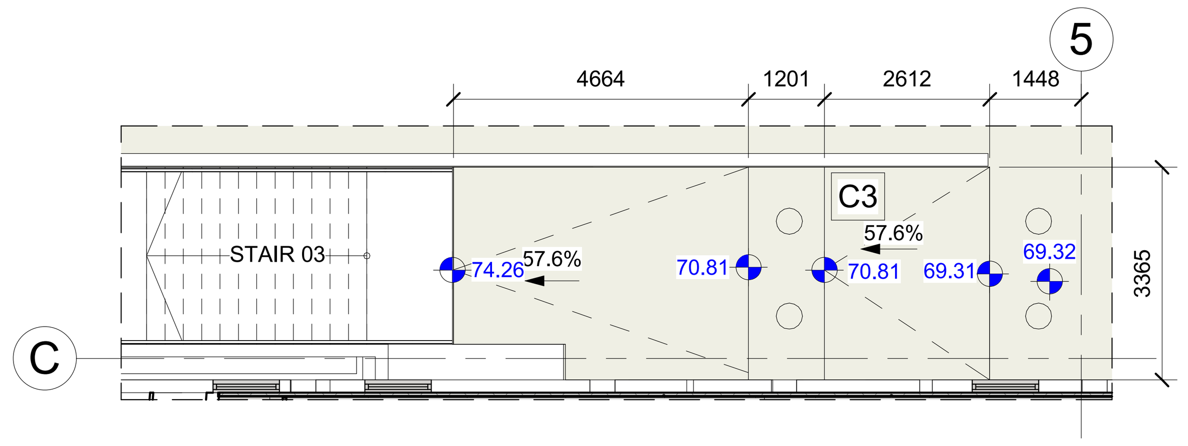


3 CEILING DETAIL
SCALE 1 : 100



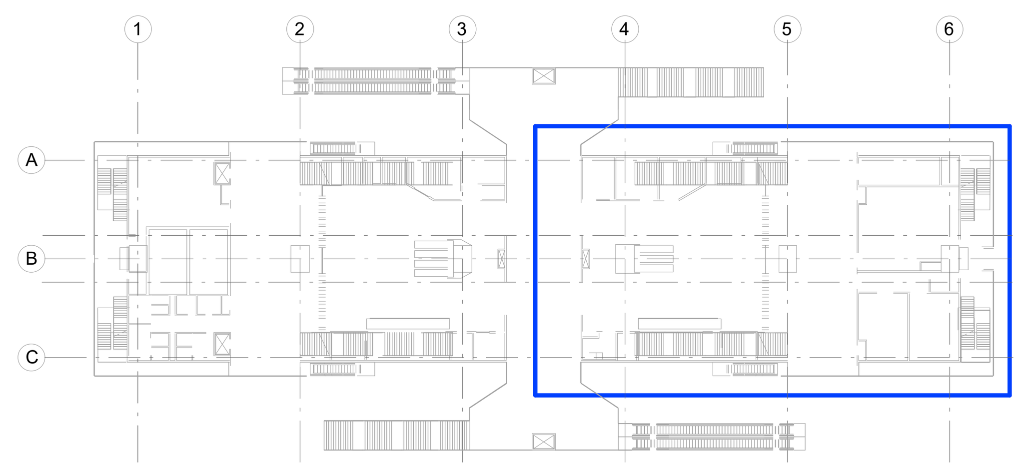
A SECTION
SCALE 1 : 200





2 CEILING DETAIL
SCALE 1 : 100

1 CONCOURSE LEVEL
SCALE 1 : 100



SIGNALING / PAS / CCTV LEGEND

- LOUDSPEAKER CEILING TYPE - A
- LOUDSPEAKER CEILING TYPE - B
- AMBIENT NOISE SENSOR (Ceiling Mounted)
- BLS ANTENNA

HVAC LEGEND

- SUPPLY SQUARE CEILING DIFFUSER 4 WAY
- RETURN/EXHAUST SQUARE CEILING DIFFUSER
- EXHAUST AIR GRILLE
- SUPPLY SIDE AIR GRILLE
- RETURN / EXHAUST SIDE AIR GRILLE
- FRESH AIR INTAKE LOUVER
- EXHAUST AIR LOUVER
- CCTV

LIGHTING FIXTURES LEGEND

TYPE	SIMBOL	TYPE	SIMBOL
FL1		W01/CB	
FL1/E		EX1	
FL1/CB		EX2	
FL1		FL11	
FL1/E		FL11/E	
F01		ST1	
F01/E		W02	
F01/CB		W02/E	
F01/D		CL	
F01/D/E		W06	
F01/D/CB		W06/E	
D01		W06/CB	
D01/E		FL3	
D01/CB		FL3/E	
D02		FL3/CB	
D02/E		ACTIVE CONTROL MODULE	ACM
D02/CB			

FIRE ALARM AND VOICE EVACUATION SYSTEM

- PENDANT CONCEALED SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD
- ADDRESSABLE INTELLIGENT SMOKE DETECTOR
- ADDRESSABLE INTELLIGENT SMOKE DETECTOR WITH FAULT ISOLATOR
- ADDRESSABLE INTELLIGENT HEAT DETECTOR
- ADDRESSABLE INTELLIGENT WALL MOUNTED SMOKE DETECTOR
- ADDRESSABLE INTELLIGENT FIRE ALARM SMOKE DETECTOR ABOVE FALSE CEILING. INTEGRATED WITH LED INDICATOR.
- CARBON MONOXIDE DETECTOR
- ADDRESSABLE INTELLIGENT DUCT SMOKE DETECTOR
- SOUNDER WITH STROBE LIGHT WALL MOUNTED
- SOUNDER WITH STROBE LIGHT WALL MOUNTED WEATHER PROOF

CEILING FINISHES

0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
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6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
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NOTES :
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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31004
- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31017
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0540-SHK-000PW-DDG-31110

REFERENCE DRAWINGS :

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2	93M-0410-SEN-000PW-END-85325
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4	
5	
6	
7	

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Authority Consultant

ORASCOM CONSTRUCTION — The Arab Contractors — BOMBARDIER
Main Contractor

SENER — SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

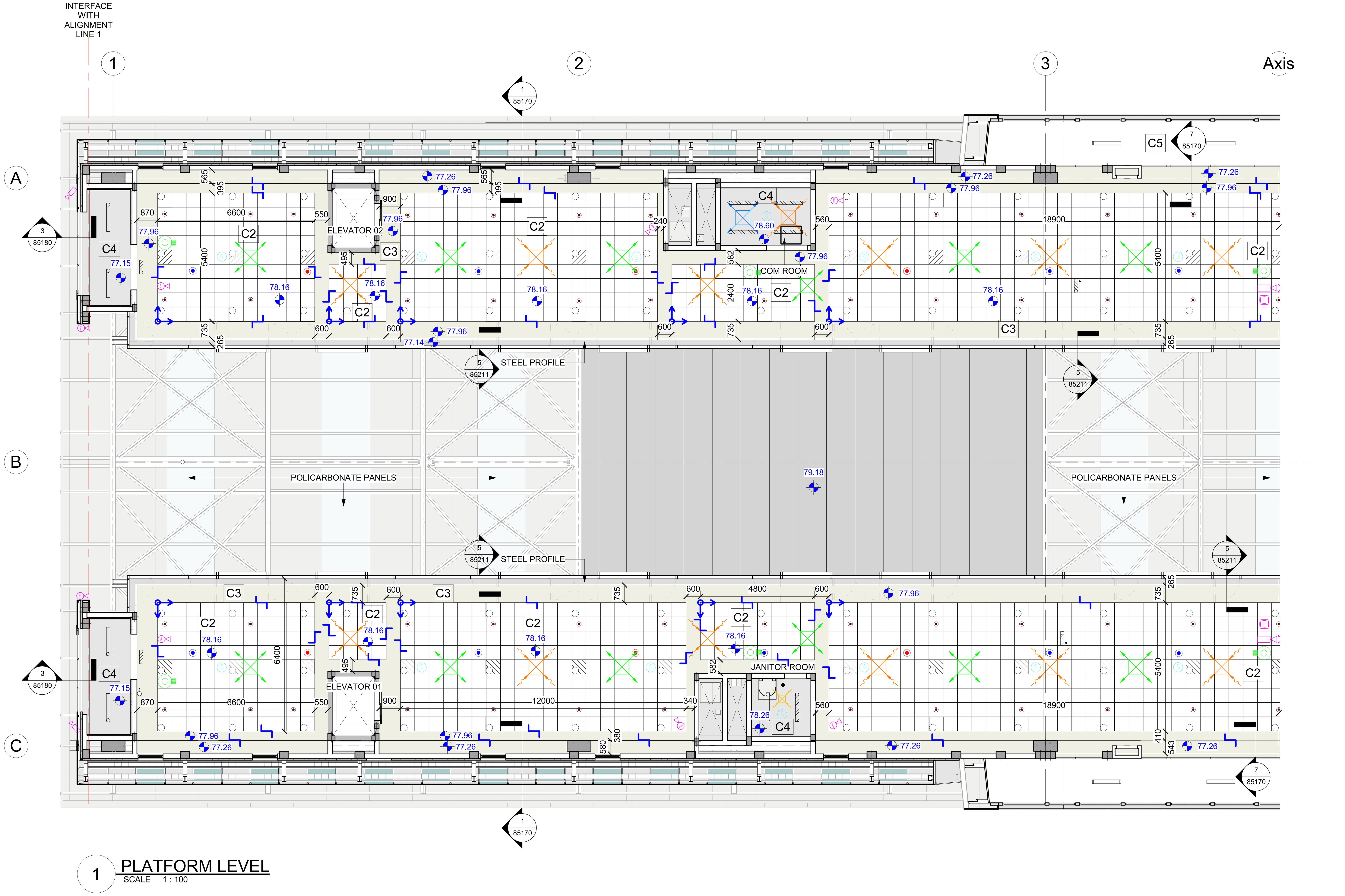
ORIGINAL FORMAT : A1
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REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL RC PLAN 2

Page: 1 of 1

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85041	-	A



1 PLATFORM LEVEL
SCALE 1 : 100

FLOOR ELEVATION

CEILING ELEVATION

SIGNALING / PAS / CCTV LEGEND

- LOUDSPEAKER CEILING TYPE - A
- LOUDSPEAKER CEILING TYPE - B
- AMBIENT NOISE SENSOR (Ceiling Mounted)
- BLS ANTENNA

LIGHTING FIXTURES LEGEND

TYPE	SIMBOL	TYPE	SIMBOL
FL1		W01/CB	
FL1/E		EX1	
FL1/CB		EX2	
FL1		FL11	
FL1/E		FL11/E	
F01		ST1	
F01/E		W02	
F01/CB		W02/E	
F01/D		CL	
F01/D/E		W06	
F01/D/CB		W06/E	
D01		W06/CB	
D01/E		FL3	
D01/CB		FL3/E	
D02		FL3/CB	
D02/E		ACTIVE CONTROL MODULE	ACM
D02/CB			

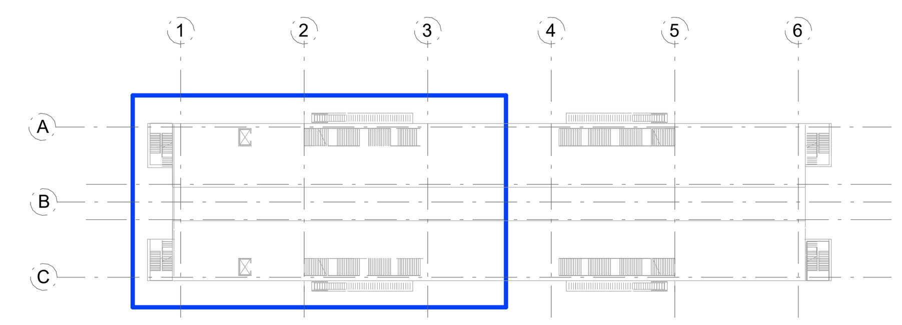
HVAC LEGEND

- SUPPLY SQUARE CEILING DIFFUSER 4 WAY
- RETURN/EXHAUST SQUARE CEILING DIFFUSER
- EXHAUST AIR GRILLE
- SUPPLY SIDE AIR GRILLE
- RETURN / EXHAUST SIDE AIR GRILLE
- FRESH AIR INTAKE LOUVER
- EXHAUST AIR LOUVER
- CCTV

FIRE ALARM AND VOICE EVACUATION SYSTEM

- PENDANT CONCEALED SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD
- ADDRESSABLE INTELLIGENT SMOKE DETECTOR
- ADDRESSABLE INTELLIGENT SMOKE DETECTOR WITH FAULT ISOLATOR
- ADDRESSABLE INTELLIGENT HEAT DETECTOR
- ADDRESSABLE INTELLIGENT WALL MOUNTED SMOKE DETECTOR
- ADDRESSABLE INTELLIGENT FIRE ALARM SMOKE DETECTOR ABOVE FALSE CEILING. INTEGRATED WITH LED INDICATOR.
- CARBON MONOXIDE DETECTOR
- ADDRESSABLE INTELLIGENT DUCT SMOKE DETECTOR
- SOUNDER WITH STROBE LIGHT WALL MOUNTED
- SOUNDER WITH STROBE LIGHT WALL MOUNTED WEATHER PROOF

CEILING FINISHES	
0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
4	PAINT ON FAIR FACE ON CEILING
5	METAL STUD EQUIPMENT SUPPORTING SYSTEM
6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
7	WATERPROOFING CEMENTITIOUS COAT ON CEILING



NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.
* FINAL MEP SERVICES ON REFLECTED CEILING PLANS TO BE ADJUSTED IN SHOP DRAWINGS BY APPOINTED MEP SUPPLIER, AFTER FINAL FITTINGS ARE DECIDED DURING MATERIAL SUBMITTAL PROCESS.

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31004
- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31017
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0540-SHK-000PW-DDG-31110

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority

Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

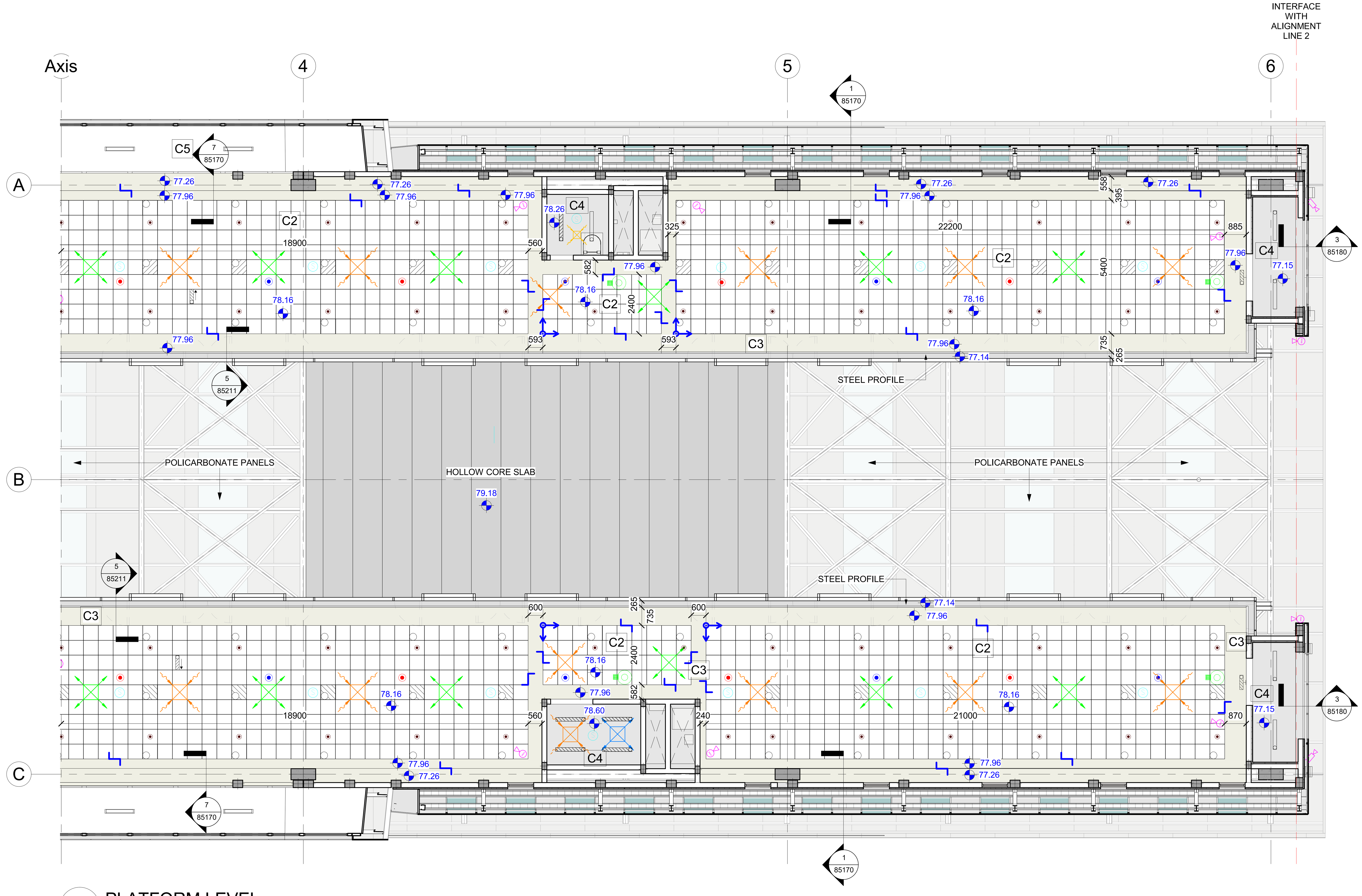
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : 1 : 100
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL RC PLAN 1

Page: 1 of 1

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85042	-	A



FLOOR ELEVATION

CEILING ELEVATION

SIGNALING / PAS / CCTV LEGEND

- LOUDSPEAKER CEILING TYPE - A
- LOUDSPEAKER CEILING TYPE - B
- AMBIENT NOISE SENSOR (Ceiling Mounted)
- BLS ANTENNA

LIGHTING FIXTURES LEGEND

TYPE	SIMBOL	TYPE	SIMBOL
FL1		W01/CB	
FL1/E		EX1	
FL1/CB		EX2	
FL1		FL11	
FL1/E		FL11/E	
F01		ST1	
F01/E		W02	
F01/CB		W02/E	
F01/D		CL	
F01/D/E		W06	
F01/D/CB		W06/E	
D01		W06/CB	
D01/E		FL3	
D01/CB		FL3/E	
D02		FL3/CB	
D02/E		ACTIVE CONTROL MODULE	ACM
D02/CB			

HVAC LEGEND

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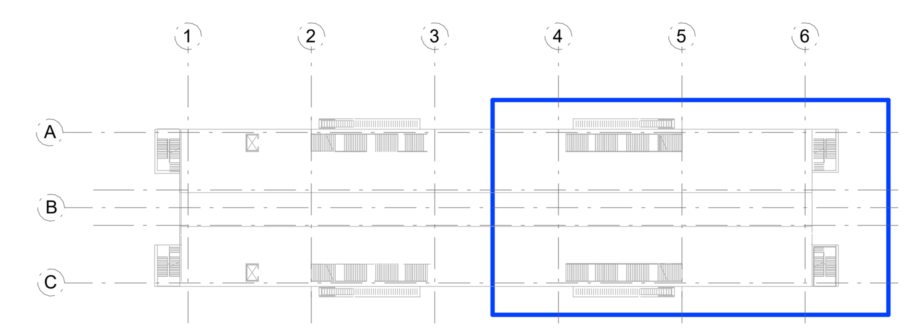
FIRE ALARM AND VOICE EVACUATION SYSTEM

- PENDANT CONCEALED SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD
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- SOUNDER WITH STROBE LIGHT WALL MOUNTED
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1 PLATFORM LEVEL

SCALE 1 : 100

CEILING FINISHES	
0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
4	PAINT ON FAIR FACE ON CEILING
5	METAL STUD EQUIPMENT SUPPORTING SYSTEM
6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
7	WATERPROOFING CEMENTITIOUS COAT ON CEILING



NOTES :

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- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31017
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0540-SHK-000PW-DDG-31110

REFERENCE DRAWINGS :

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4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل MINISTRY OF TRANSPORT — The Authority

Hill International — Authority Consultant

ORASCOM CONSTRUCTION / The Arab Contractors / BOMBARDIER — Main Contractor

SENER / SHAKER CONSULTANCY GROUP — Designer

KEY PLAN :

ORIGINAL FORMAT : A1 | DATE : 2023/06/09

SCALE : 1 : 100

PURPOSE OF ISSUE : FOR APPROVAL

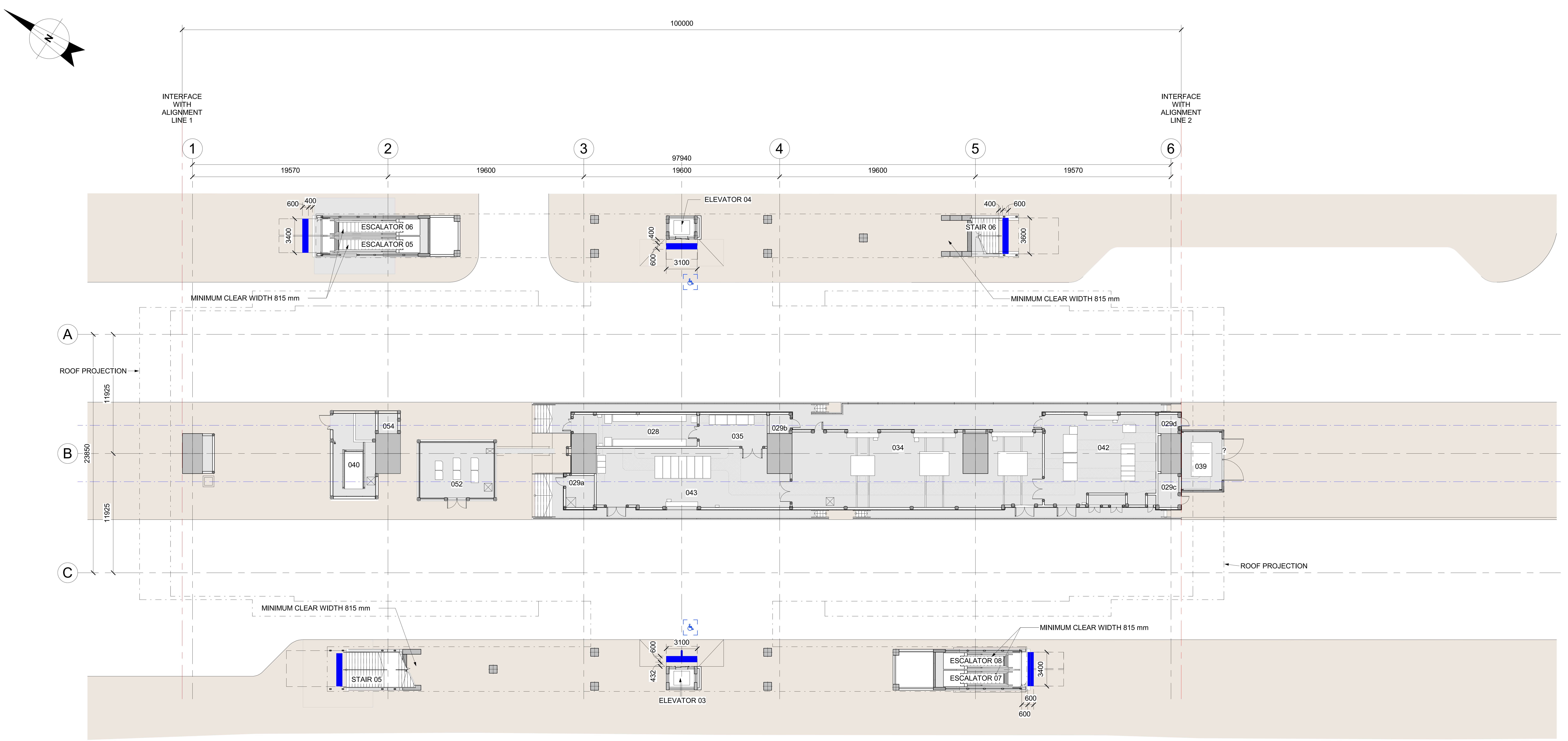
REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :

DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL RC PLAN 2

Page: 1 of 1

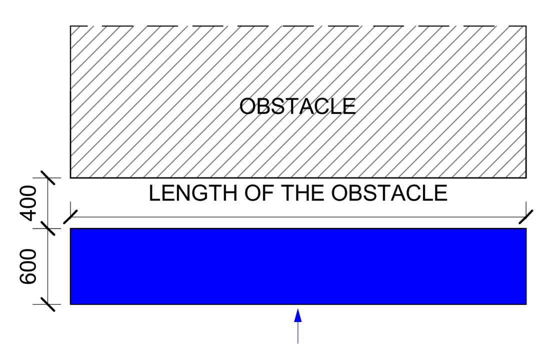
Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
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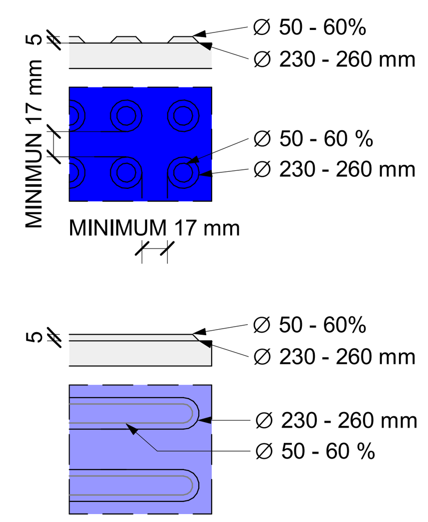
ACCESSIBLE ROUTE COMMON PATH BOTH DIRECTIONS

MAIN STANDARDS AND CODES APPLICABLE TO THIS DESIGN ARE LISTED BELOW.

- GENERAL STANDARDS (MASTER CODES)
- ADA – TRANSPORTATION FACILITIES
- ANSI/BHMA A156.10-1999 AMERICAN NATIONAL STANDARD FOR POWER OPERATED PEDESTRIAN DOORS FIRE PROTECTION
- ANSI/BHMA A156.19-1997 AMERICAN NATIONAL STANDARD FOR POWER ASSIST AND LOW ENERGY POWER
- ANSI/BHMA A156.19-2002 AMERICAN NATIONAL STANDARD FOR POWER ASSIST AND LOW ENERGY POWER
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- A18.1a-2001
- ASME A18.1-2003 SAFETY STANDARD FOR PLATFORM ELEVATORS AND STAIRWAY CHAIRELEVATORS, (SEE 410.1)
- INTERNATIONAL BUILDING CODE, 2000 EDITION
- NFPA 72 NATIONAL FIRE ALARM CODE, 2002 EDITION (SEE 702.1 and 809.5.2)



STRIP SHALL CONTRASTS VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT ON DARK OR DARK ON LIGHT



ROOM SCHEDULE

NUMBER	NAME	AREA
027a	CORRIDOR	24 m²
027b	CORRIDOR	26 m²
027c	CORRIDOR	91 m²
028	PS&D BATTERY ROOM	37 m²
029a	CLEAN AGENT	9 m²
029b	CLEAN AGENT	4 m²
029c	CLEAN AGENT	7 m²
029d	CLEAN AGENT	4 m²
034	TR	177 m²
035	UPS BPC	22 m²
039	BRAKE RESISTOR	24 m²
040	DIESEL GENERATOR & FUEL TANK	35 m²
042	TPS-I	95 m²
043	TPS-II	108 m²
052	CRAC OUTDOOR UNITS	40 m²
054	FIRE EQUIPMENT ROOM	4 m²
TOTAL		706 m²

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* FOR CONTEXT PLANNING LEVELS AND DESIGN PLEASE REFER TO ACCES STAIRS ADAPTATION PACKAGES ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE.

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant
ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor
SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

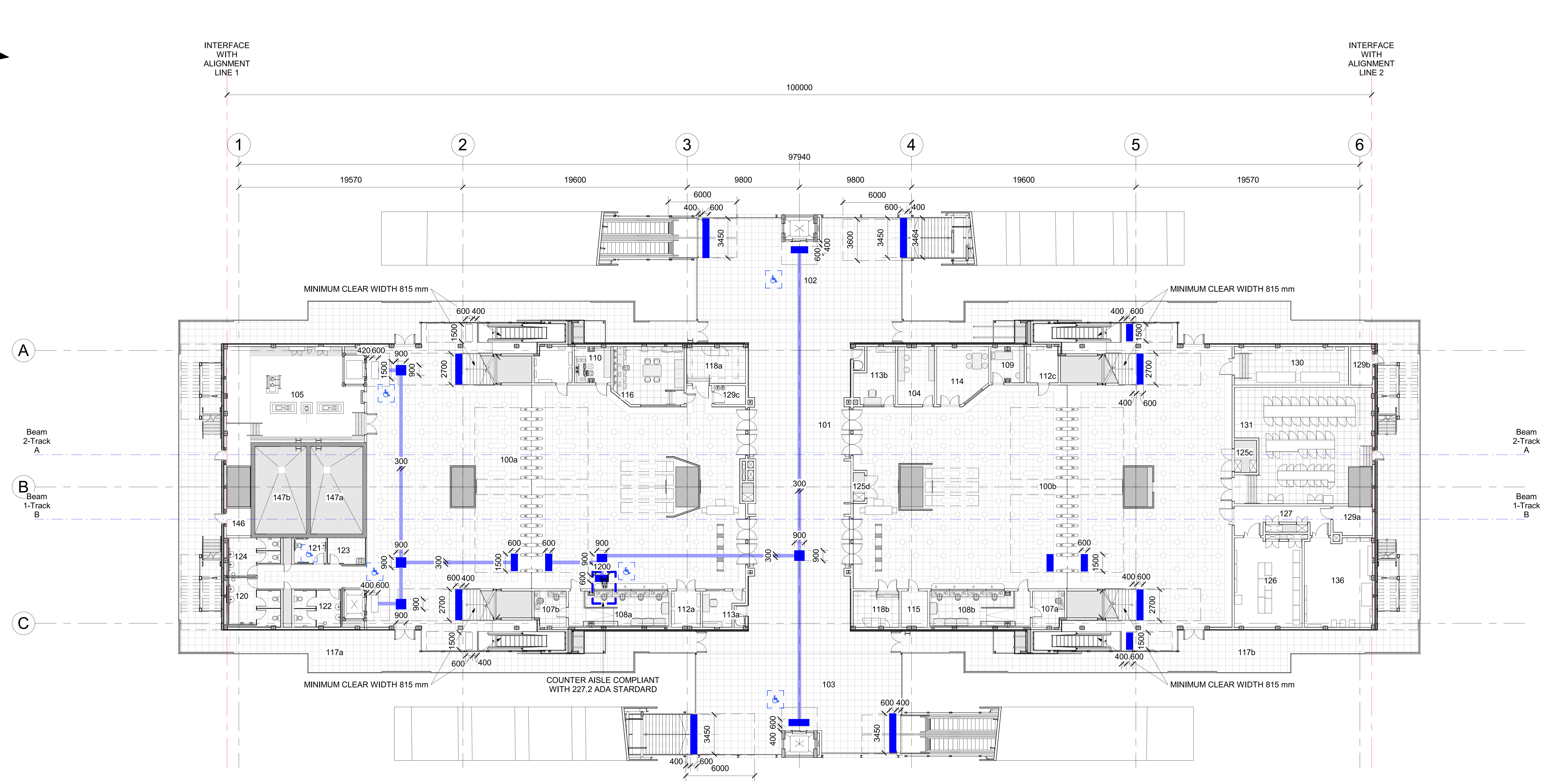
ORIGINAL FORMAT : A1
SCALE : As indicated
DATE : 2023/06/09
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.GROUND FLOOR LEVEL ACCESSIBILITY

Page: 1 of 1

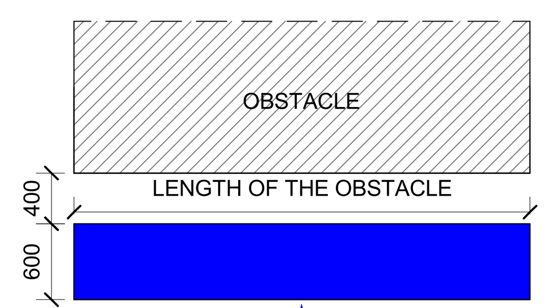
Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85050	A





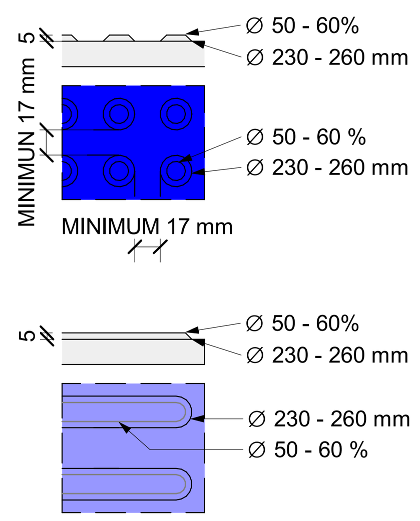
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- INTERNATIONAL BUILDING CODE, 2000 EDITION
- NFPA 72 NATIONAL FIRE ALARM CODE, 2002 EDITION (SEE 702.1 and 809.5.2)



TRUNCATED DOMES

STRIP SHALL CONTRASTS VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT ON DARK OR DARK ON LIGHT



ROOM SCHEDULE

NUMBER	NAME	AREA
100a	PUBLIC AREA	675 m²
100b	PUBLIC AREA	679 m²
101	ACCESS	219 m²
102	ACCESS BRIDGE	196 m²
103	ACCESS BRIDGE	194 m²
104	CIVIL DEFENCE	16 m²
105	WATER PUMPS	98 m²
107a	SAFE	9 m²
107b	SAFE (MPT)	9 m²
108a	TOM	26 m²
108b	TOM	26 m²
109	FIRST AID ROOM	9 m²
110	BMS	10 m²
112a	ELECT. CLOSET	8 m²
112b	ELECT. CLOSET	10 m²
112c	ELECT. CLOSET	9 m²
113a	POLICE OFFICER	9 m²
113b	POLICE OFFICER	16 m²
114	POLICE STAFF	22 m²
115	ITS ROOM	7 m²
116	SMO	30 m²
117a	EMERGENCY WALKWAY	320 m²
117b	EMERGENCY WALKWAY	319 m²

ROOM SCHEDULE

NUMBER	NAME	AREA
118a	COM ROOM	17 m²
118b	COM ROOM	13 m²
120	MALE WC	17 m²
121	PRM WC	6 m²
122	FEMALE WC	13 m²
123	JANITOR ROOM	7 m²
124	STAFF WC	13 m²
125a	MAINTENANCE ROOM	2 m²
125b	MAINTENANCE ROOM	2 m²
125c	MAINTENANCE ROOM	6 m²
125d	MAINTENANCE ROOM	3 m²
126	LV PANEL	45 m²
127	CORRIDOR	17 m²
129a	CLEAN AGENT	9 m²
129b	CLEAN AGENT	6 m²
129c	CLEAN AGENT	5 m²
130	CRAH ROOM (HVAC)	33 m²
131	EER	109 m²
136	UPS CBS	46 m²
146	STORAGE	5 m²
147a	WATER TANKS	35 m²
147b	WATER TANKS	34 m²
148a	CORRIDOR	2 m²
148b	CORRIDOR	2 m²
TOTAL		3363 m²

NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT

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ORASCOM CONSTRUCTION — The Arab Contractors — BOMBARDIER
Main Contractor

SENER — SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

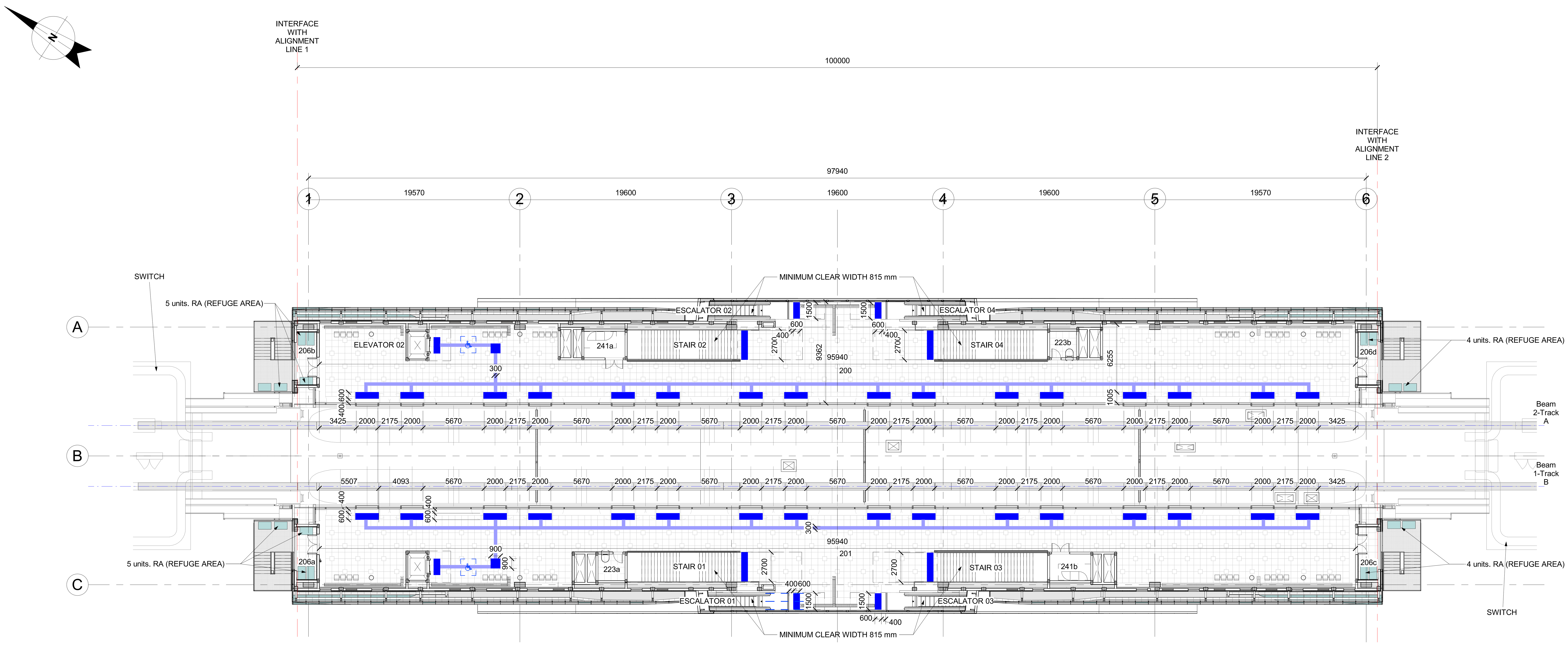
ORIGINAL FORMAT : A1
SCALE : As indicated
DATE : 2023/06/09
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL ACCESSIBILITY

Page: 1 of 1

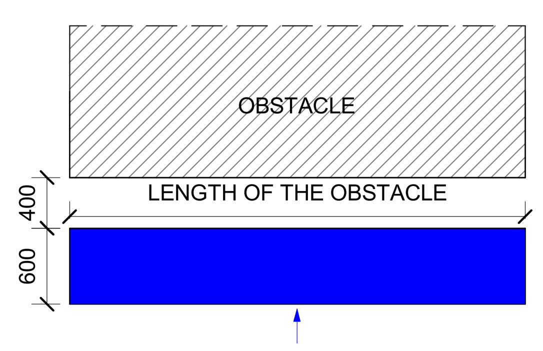
Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85051	A



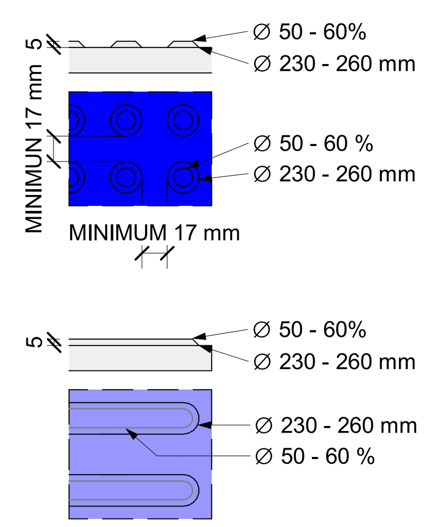
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STRIP SHALL CONTRASTS VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT ON DARK OR DARK ON LIGHT



ROOM SCHEDULE

NUMBER	NAME	Area
200	PLATFORM	641 m²
201	PLATFORM	641 m²
206a	ACCESS TO TRACK	10 m²
206b	ACCESS TO TRACK	10 m²
206c	ACCESS TO TRACK	10 m²
206d	ACCESS TO TRACK	10 m²
223a	JANITOR ROOM	6 m²
223b	JANITOR ROOM	6 m²
238a	BLS ROOM	3 m²
238b	BLS ROOM	3 m²
238c	BLS ROOM	3 m²
238d	BLS ROOM	3 m²
241a	COM ROOM	9 m²
241b	COM ROOM	9 m²
TOTAL		1366 m²

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BOMBARDIER
Main Contractor
SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
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DETAILED DESIGN
ARCHITECTURE
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL ACCESSIBILITY

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85052	A



NO OCCUPANCY AT THIS LEVEL

FIRE SAFETY OCCUPANCY LEGEND

- RA (REFUGE AREA)
- EV-Nº — EVACUATION NUMBER XX: ESCALATOR COUNTED AS EVACUATION ROUTE IN CASE OF FIRE
- EV-X — EVACUATION NUMBER XX: ESCALATOR NOT COUNTED AS EVACUATION ROUTE IN CASE OF FIRE AS PER NFPA 130
- EV-Nº — EVACUATION NUMBER XX: REGULAR STAIR
- "x" P — OCCUPANCY LOAD

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTRY OF DEFENCE.
(**) THIS DOCUMENT SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0473-SEN-000PW-SRP-85001

ROOM SCHEDULE

NUMBER	NAME	AREA
027a	CORRIDOR	24 m²
027b	CORRIDOR	26 m²
027c	CORRIDOR	91 m²
028	PS&D BATTERY ROOM	37 m²
029a	CLEAN AGENT	9 m²
029b	CLEAN AGENT	4 m²
029c	CLEAN AGENT	7 m²
029d	CLEAN AGENT	4 m²
034	TR	177 m²
035	UPS BPC	22 m²
039	BRAKE RESISTOR	24 m²
040	DIESEL GENERATOR & FUEL TANK	35 m²
042	TPS-I	95 m²
043	TPS-II	108 m²
052	CRAC OUTDOOR UNITS	40 m²
054	FIRE EQUIPMENT ROOM	4 m²
TOTAL		706 m²

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN
* FOR CONTEXT PLANNING LEVELS AND DESIGN PLEASE REFER TO ACCES STAIRS ADAPTATION PACKAGES ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE.

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
- 93M-0450-SHK-000PW-DDG-31107
- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0620-SHK-000PW-DDG-31105
- 93M-0620-SHK-000PW-DDG-31106
- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant
ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor
SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

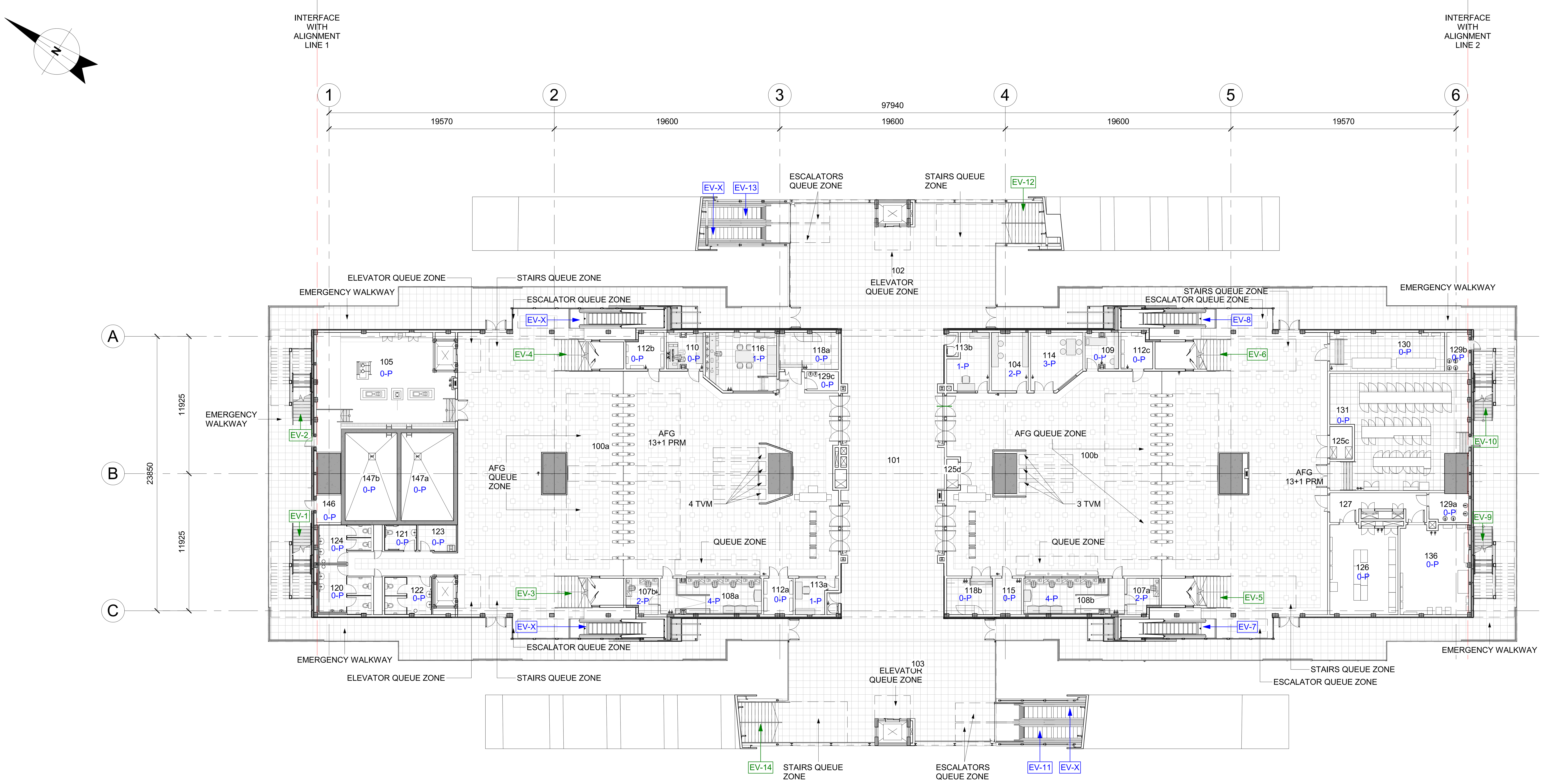
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : 1 : 200
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.GROUND LEVEL FLS OCCUPANCY

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85060	A



FIRE SAFETY OCCUPANCY LEGEND

RA (REFUGE AREA)

EV-Nº — EVACUATION NUMBER XX: ESCALATOR COUNTED AS EVACUATION ROUTE IN CASE OF FIRE

EV-X — EVACUATION NUMBER XX: ESCALATOR NOT COUNTED AS EVACUATION ROUTE IN CASE OF FIRE AS PER NFPA 130

EV-Nº — EVACUATION NUMBER XX: REGULAR STAIR

"x" P — OCCUPANCY LOAD

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTRY OF DEFENCE.

(**) THIS DOCUMENT SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0473-SEN-000PW-SRP-85001

ROOM SCHEDULE

NUMBER	NAME	AREA
100a	PUBLIC AREA	675 m²
100b	PUBLIC AREA	679 m²
101	ACCESS	219 m²
102	ACCESS BRIDGE	196 m²
103	ACCESS BRIDGE	194 m²
104	CIVIL DEFENCE	16 m²
105	WATER PUMPS	98 m²
107a	SAFE	9 m²
107b	SAFE (MPT)	9 m²
108a	TOM	26 m²
108b	TOM	26 m²
109	FIRST AID ROOM	9 m²
110	BMS	10 m²
112a	ELECT. CLOSET	8 m²
112b	ELECT. CLOSET	10 m²
112c	ELECT. CLOSET	9 m²
113a	POLICE OFFICER	9 m²
113b	POLICE OFFICER	16 m²
114	POLICE STAFF	22 m²
115	ITS ROOM	7 m²
116	SMO	30 m²
117a	EMERGENCY WALKWAY	320 m²
117b	EMERGENCY WALKWAY	319 m²

ROOM SCHEDULE

NUMBER	NAME	AREA
118a	COM ROOM	17 m²
118b	COM ROOM	13 m²
120	MALE WC	17 m²
121	PRM WC	6 m²
122	FEMALE WC	13 m²
123	JANITOR ROOM	7 m²
124	STAFF WC	13 m²
125a	MAINTENANCE ROOM	2 m²
125b	MAINTENANCE ROOM	2 m²
125c	MAINTENANCE ROOM	6 m²
125d	MAINTENANCE ROOM	3 m²
126	LV PANEL	45 m²
127	CORRIDOR	17 m²
129a	CLEAN AGENT	9 m²
129b	CLEAN AGENT	6 m²
129c	CLEAN AGENT	5 m²
130	CRAH ROOM (HVAC)	33 m²
131	EER	109 m²
136	UPS CBS	46 m²
146	STORAGE	5 m²
147a	WATER TANKS	35 m²
147b	WATER TANKS	34 m²
148a	CORRIDOR	2 m²
148b	CORRIDOR	2 m²
TOTAL		3363 m²

NOTES :
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* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
- 93M-0450-SHK-000PW-DDG-31107
- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0620-SHK-000PW-DDG-31105
- 93M-0620-SHK-000PW-DDG-31106
- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
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5	
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority

Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE : 1 : 200

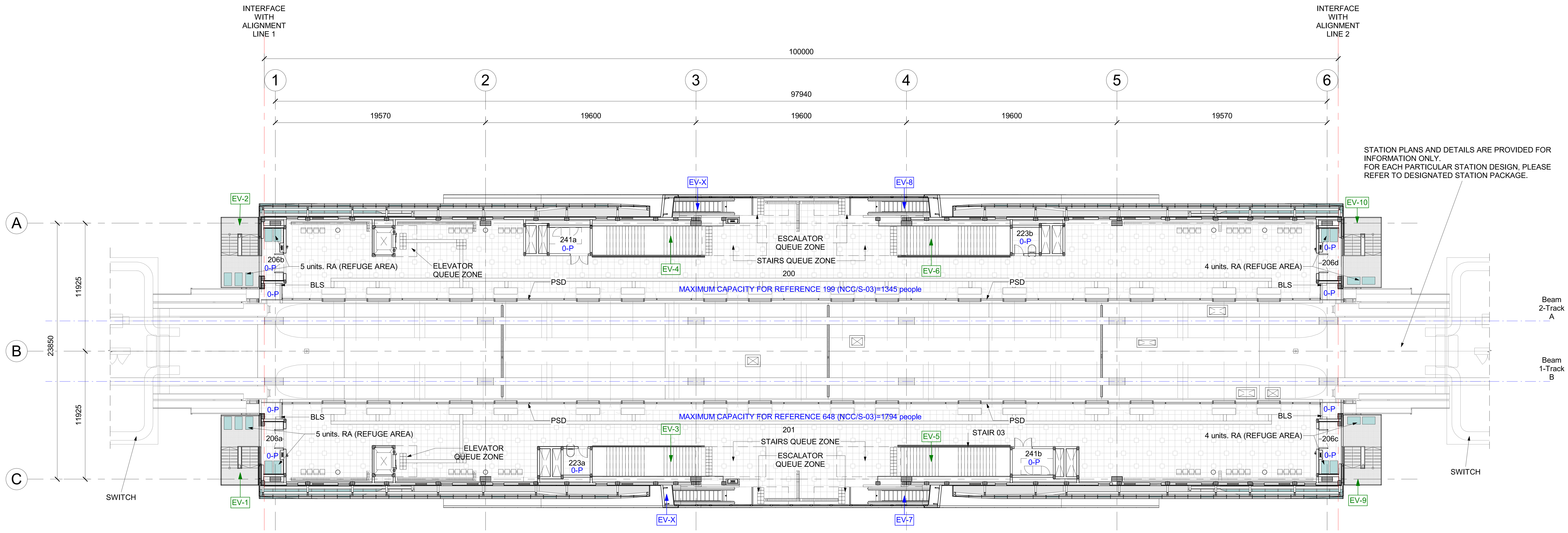
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

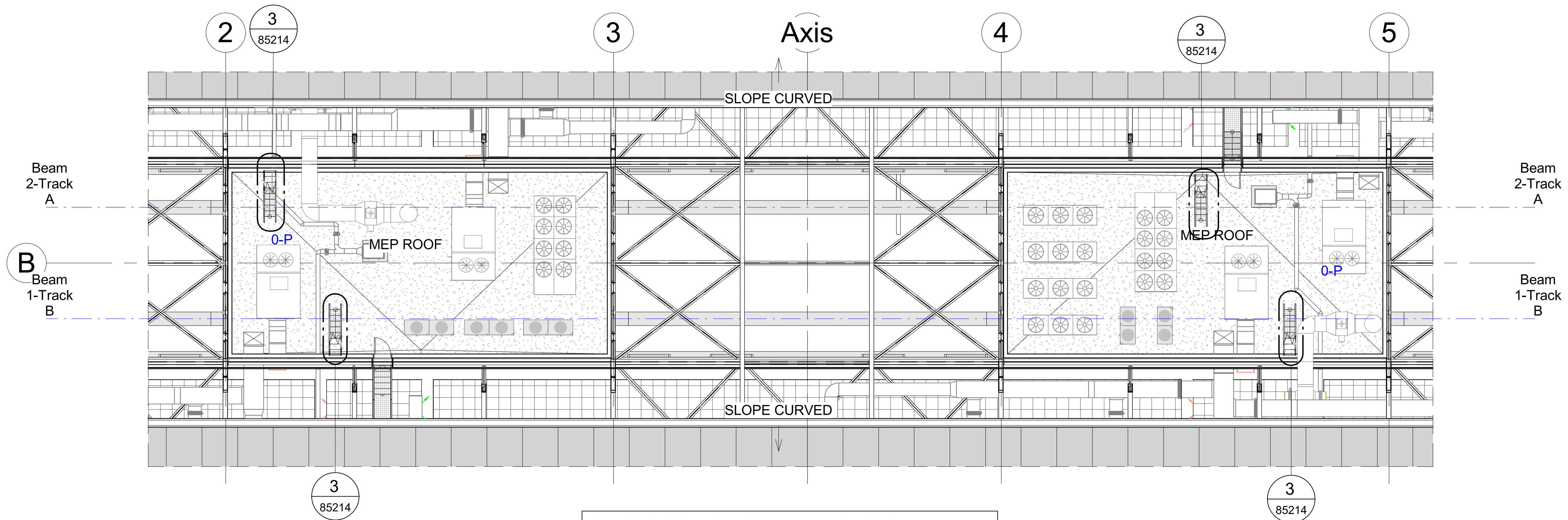
DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL FLS OCCUPANCY

Page: 1 of 1

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85061	-	A



1 PLATFORM LEVEL
SCALE 1 : 200



2 ROOF MEP PLAN
SCALE 1 : 200

* NO OCCUPANCY AT MEP ROOF LEVEL. OCCASIONAL MAINTENANCE ONLY

FIRE SAFETY OCCUPANCY LEGEND

- RA (REFUGE AREA)
- EV-Nº — EVACUATION NUMBER XX: ESCALATOR COUNTED AS EVACUATION ROUTE IN CASE OF FIRE
- EV-X — EVACUATION NUMBER XX: ESCALATOR NOT COUNTED AS EVACUATION ROUTE IN CASE OF FIRE AS PER NFPA 130
- EV-Nº — EVACUATION NUMBER XX: REGULAR STAIR
- "x" P — OCCUPANCY LOAD

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTRY OF DEFENCE.
(**) THIS DOCUMENT SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0473-SEN-000PW-SRP-85001

ROOM SCHEDULE

NUMBER	NAME	Area
200	PLATFORM	641 m²
201	PLATFORM	641 m²
206a	ACCESS TO TRACK	10 m²
206b	ACCESS TO TRACK	10 m²
206c	ACCESS TO TRACK	10 m²
206d	ACCESS TO TRACK	10 m²
223a	JANITOR ROOM	6 m²
223b	JANITOR ROOM	6 m²
238a	BLS ROOM	3 m²
238b	BLS ROOM	3 m²
238c	BLS ROOM	3 m²
238d	BLS ROOM	3 m²
241a	COM ROOM	9 m²
241b	COM ROOM	9 m²
TOTAL		1366 m²

NOTES :
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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
- 93M-0450-SHK-000PW-DDG-31107
- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0620-SHK-000PW-DDG-31105
- 93M-0620-SHK-000PW-DDG-31106
- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority

Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : 1 : 200
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL FLS OCCUPANCY

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85062	A



FIRE SAFETY EGRESS LEGEND

- RA (REFUGE AREA)
- _ ("x" m) _ Xm TRAVEL DISTANCE ON THE PLATFORM SHALL BE <100m AND <25m OR A CAR, LENGHT FOR A COMMON PATH OF TRAVEL FROM THE ENDS OF THE PLATTFORM AS PER NFPA 130.
- ("x" m) _ Xm TRAVEL DISTANCE SHALL BE <15m FOR A DEAD END CORRIDOR. COMMON PATH OF TRAVEL SHALL BE <30m FOR THE FIRST EXIT AND <122M FOR THE SECOND EXIT FOR ALL AREAS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM. ADDITIONAL INFORMATION IN: 93M-0475-SEN-NC019-SRP-85001.
- ORIGIN OF TRAVEL PATH TO BUILDING EXIT
- POINT OF SAFETY (AS PER NFPA 130-101)

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTER OF DEFENCE.

(**) THIS DOCUMEN SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0410-SEN-000PW-ERP-85001

ROOM SCHEDULE

NUMBER	NAME	AREA
027a	CORRIDOR	24 m²
027b	CORRIDOR	26 m²
027c	CORRIDOR	91 m²
028	PS&D BATTERY ROOM	37 m²
029a	CLEAN AGENT	9 m²
029b	CLEAN AGENT	4 m²
029c	CLEAN AGENT	7 m²
029d	CLEAN AGENT	4 m²
034	TR	177 m²
035	UPS BPC	22 m²
039	BRAKE RESISTOR	24 m²
040	DIESEL GENERATOR & FUEL TANK	35 m²
042	TPS-I	95 m²
043	TPS-II	108 m²
052	CRAC OUTDOOR UNITS	40 m²
054	FIRE EQUIPMENT ROOM	4 m²
TOTAL		706 m²

NOTES :

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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
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- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0620-SHK-000PW-DDG-31105
- 93M-0620-SHK-000PW-DDG-31106
- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل MINISTRY OF TRANSPORT — The Authority

Hill International — Authority Consultant

ORASCOM CONSTRUCTION / The Arab Contractors / BOMBARDIER — Main Contractor

SENER / SHAKER CONSULTANCY GROUP — Designer

KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE : 1 : 200

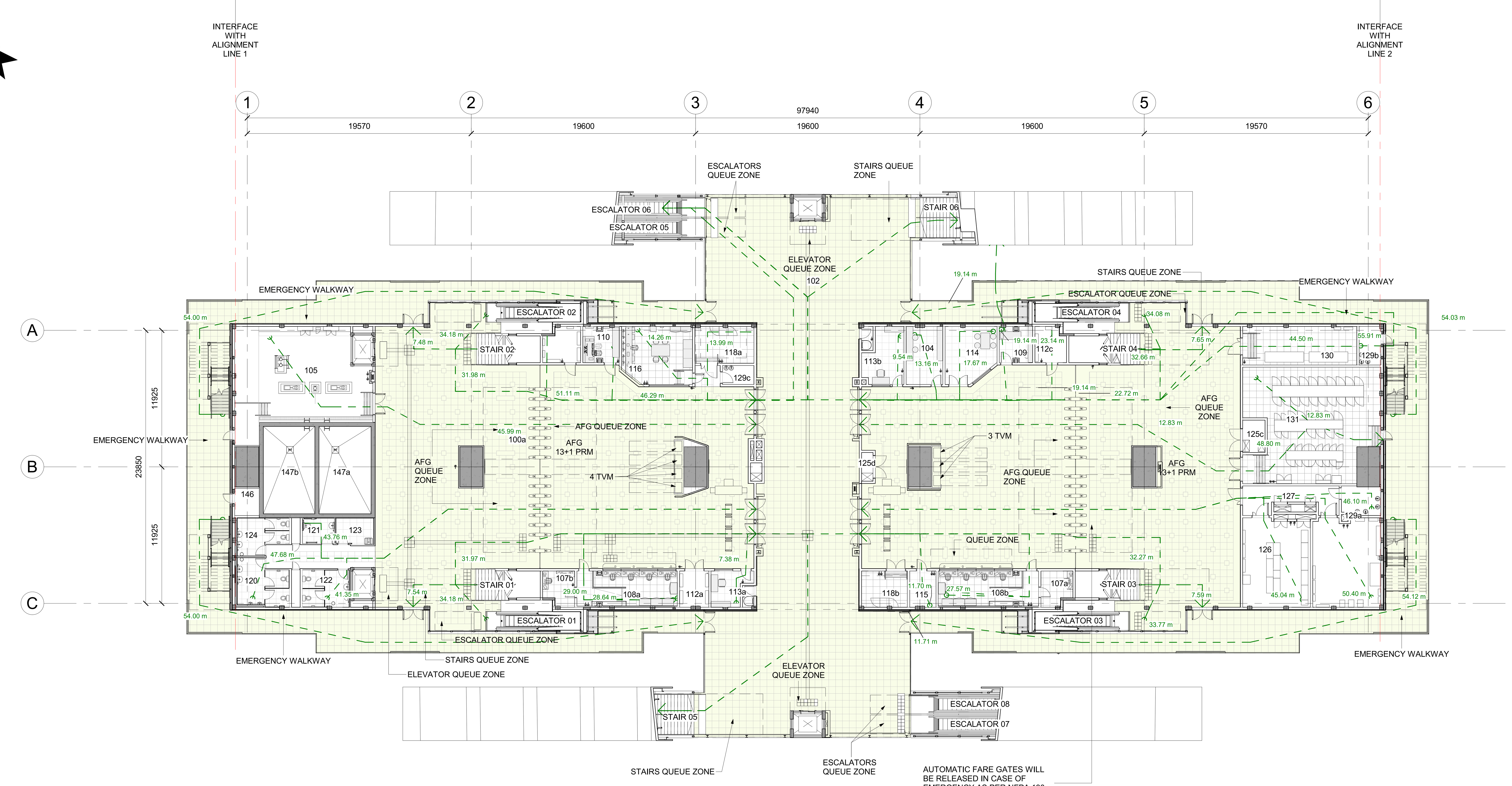
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE : DETAILED DESIGN FIRE & LIFE SAFETY ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS CLOSED STATION PROTOTYPE 3.GROUND LEVEL FLS EGRESS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85065	A



FIRE SAFETY EGRESS LEGEND

- RA (REFUGE AREA)
- _ ("x" m) _ Xm TRAVEL DISTANCE ON THE PLATFORM SHALL BE <100m AND <25m OR A CAR. LENGHT FOR A COMMON PATH OF TRAVEL FROM THE ENDS OF THE PLATTFORM AS PER NFPA 130.
- ("x" m) _ Xm TRAVEL DISTANCE SHALL BE <15m FOR A DEAD END CORRIDOR. COMMON PATH OF TRAVEL SHALL BE <30m FOR THE FIRST EXIT AND <122M FOR THE SECOND EXIT FOR ALL AREAS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM. ADDITIONAL INFORMATION IN: 93M-0475-SEN-NC019-SRP-85001.
- ORIGIN OF TRAVEL PATH TO BUILDING EXIT
- POINT OF SAFETY (AS PER NFPA 130-101)

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTER OF DEFENCE.
(**) THIS DOCUMEN SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0410-SEN-000PW-ERP-85001

ROOM SCHEDULE

NUMBER	NAME	AREA
100a	PUBLIC AREA	675 m²
100b	PUBLIC AREA	679 m²
101	ACCESS	219 m²
102	ACCESS BRIDGE	196 m²
103	ACCESS BRIDGE	194 m²
104	CIVIL DEFENCE	16 m²
105	WATER PUMPS	98 m²
107a	SAFE	9 m²
107b	SAFE (MPT)	9 m²
108a	TOM	26 m²
108b	TOM	26 m²
109	FIRST AID ROOM	9 m²
110	BMS	10 m²
112a	ELECT. CLOSET	8 m²
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112c	ELECT. CLOSET	9 m²
113a	POLICE OFFICER	9 m²
113b	POLICE OFFICER	16 m²
114	POLICE STAFF	22 m²
115	ITS ROOM	7 m²
116	SMO	30 m²
117a	EMERGENCY WALKWAY	320 m²
117b	EMERGENCY WALKWAY	319 m²

ROOM SCHEDULE

NUMBER	NAME	AREA
118a	COM ROOM	17 m²
118b	COM ROOM	13 m²
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121	PRM WC	6 m²
122	FEMALE WC	13 m²
123	JANITOR ROOM	7 m²
124	STAFF WC	13 m²
125a	MAINTENANCE ROOM	2 m²
125b	MAINTENANCE ROOM	2 m²
125c	MAINTENANCE ROOM	6 m²
125d	MAINTENANCE ROOM	3 m²
126	LV PANEL	45 m²
127	CORRIDOR	17 m²
129a	CLEAN AGENT	9 m²
129b	CLEAN AGENT	6 m²
129c	CLEAN AGENT	5 m²
130	CRAH ROOM (HVAC)	33 m²
131	EER	109 m²
136	UPS CBS	46 m²
146	STORAGE	5 m²
147a	WATER TANKS	35 m²
147b	WATER TANKS	34 m²
148a	CORRIDOR	2 m²
148b	CORRIDOR	2 m²
TOTAL		3363 m²

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
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- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0620-SHK-000PW-DDG-31105
- 93M-0620-SHK-000PW-DDG-31106
- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

The Authority

Hill International
Authority Consultant

Main Contractor

Designer

KEY PLAN :

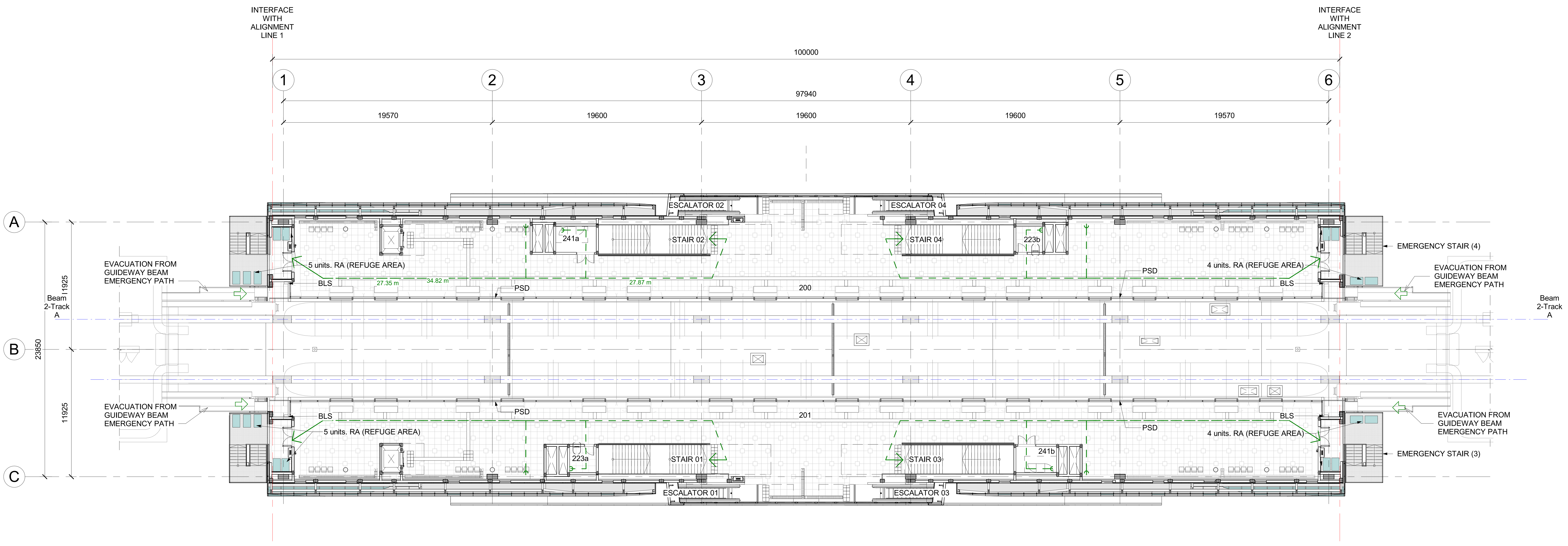
ORIGINAL FORMAT : A1
SCALE : 1 : 200
DATE : 2023/06/09
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL FLS EGRESS

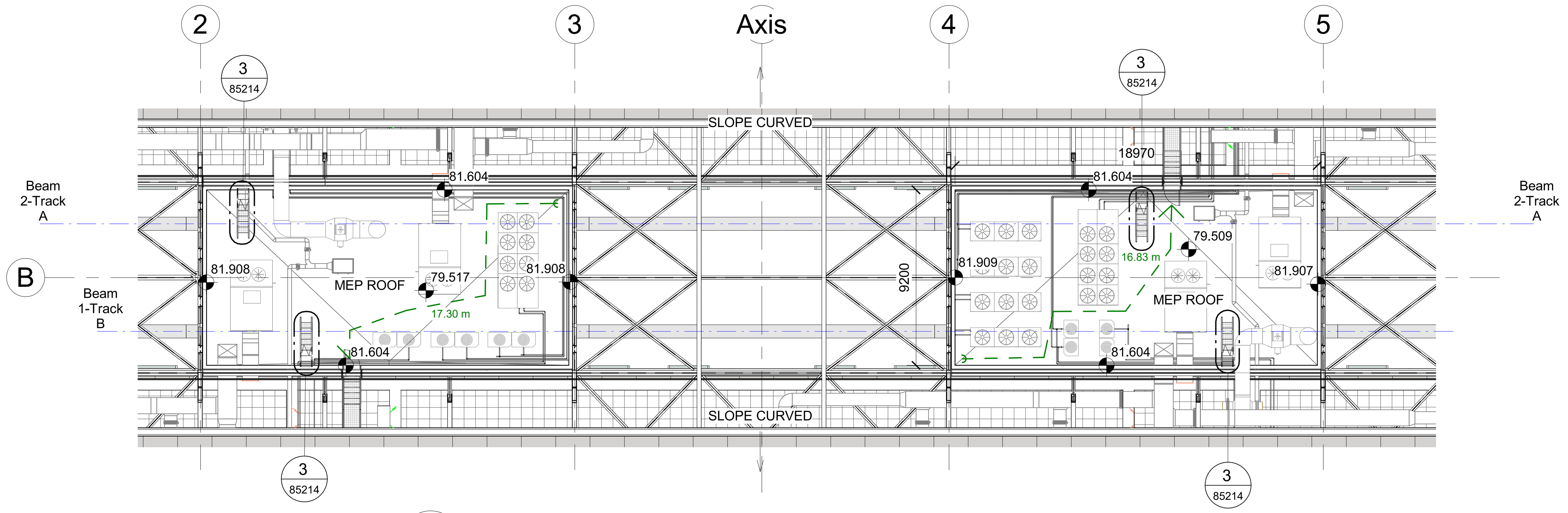
Page: 1 of 1

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85066	-	A



1 PLATFORM LEVEL

SCALE 1 : 200



2 ROOF MEP PLAN

SCALE 1 : 200

FIRE SAFETY EGRESS LEGEND

- RA (REFUGE AREA)
- ("X" m) Xm TRAVEL DISTANCE ON THE PLATFORM SHALL BE <100m AND <25m OR A CAR. LENGHT FOR A COMMON PATH OF TRAVEL FROM THE ENDS OF THE PLATTFORM AS PER NFPA 130.
- ("X" m) Xm TRAVEL DISTANCE SHALL BE <15m FOR A DEAD END CORRIDOR. COMMON PATH OF TRAVEL SHALL BE <30m FOR THE FIRST EXIT AND <122M FOR THE SECOND EXIT FOR ALL AREAS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM. ADDITIONAL INFORMATION IN: 93M-0475-SEN-NC019-SRP-85001.
- ORIGIN OF TRAVEL PATH TO BUILDING EXIT
- POINT OF SAFETY (AS PER NFPA 130-101)

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTER OF DEFENCE.

(**) THIS DOCUMEN SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0410-SEN-000PW-ERP-85001

ROOM SCHEDULE

NUMBER	NAME	Area
200	PLATFORM	641 m²
201	PLATFORM	641 m²
206a	ACCESS TO TRACK	10 m²
206b	ACCESS TO TRACK	10 m²
206c	ACCESS TO TRACK	10 m²
206d	ACCESS TO TRACK	10 m²
223a	JANITOR ROOM	6 m²
223b	JANITOR ROOM	6 m²
238a	BLS ROOM	3 m²
238b	BLS ROOM	3 m²
238c	BLS ROOM	3 m²
238d	BLS ROOM	3 m²
241a	COM ROOM	9 m²
241b	COM ROOM	9 m²
TOTAL		1366 m²

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
- 93M-0450-SHK-000PW-DDG-31107
- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0620-SHK-000PW-DDG-31105
- 93M-0620-SHK-000PW-DDG-31106
- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل MINISTRY OF TRANSPORT — The Authority

Hill International — Authority Consultant

ORASCOM CONSTRUCTION, The Arab Contractors, BOMBARDIER — Main Contractor

SENER, SHAKER CONSULTANCY GROUP — Designer

KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE : 1 : 200

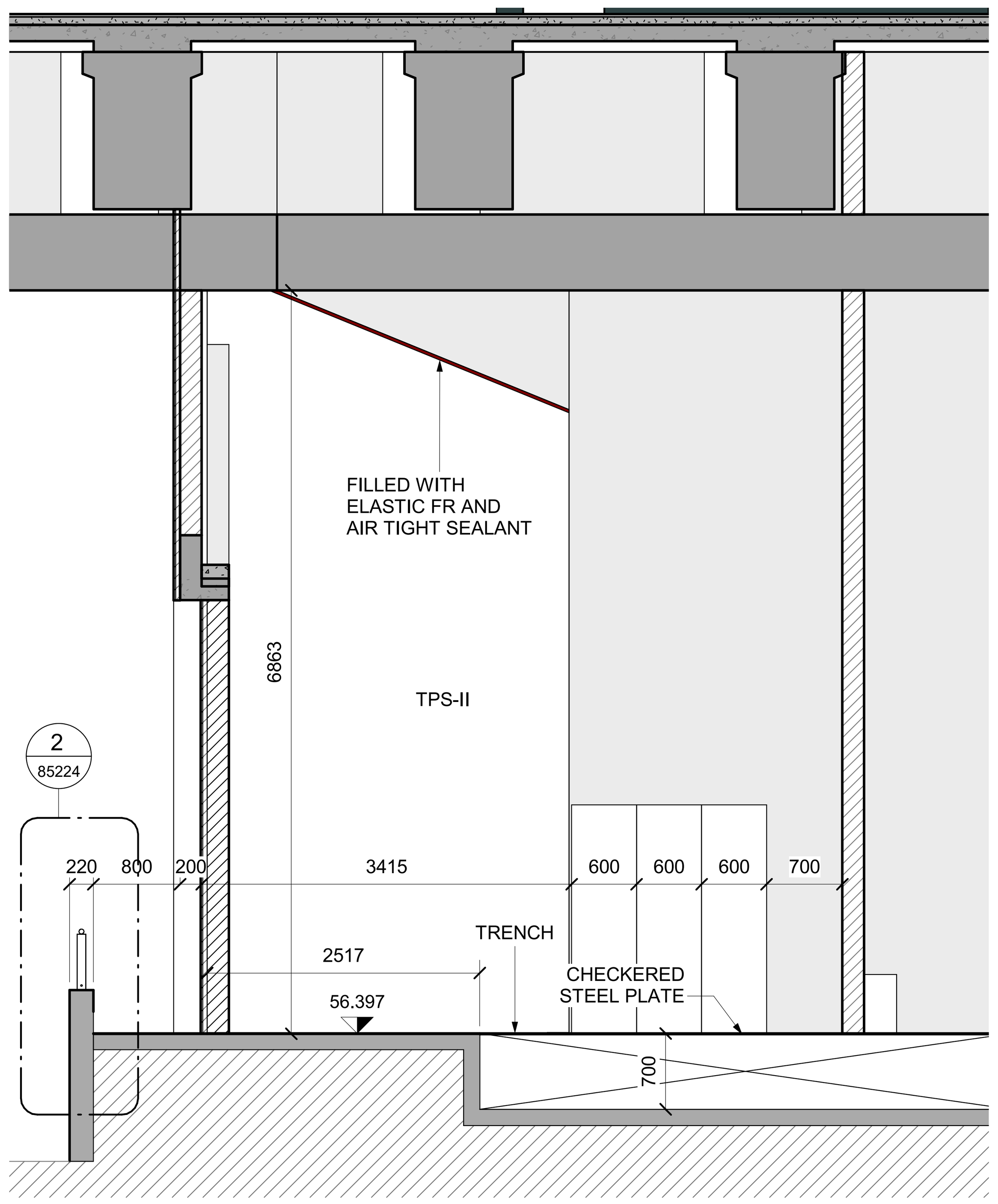
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

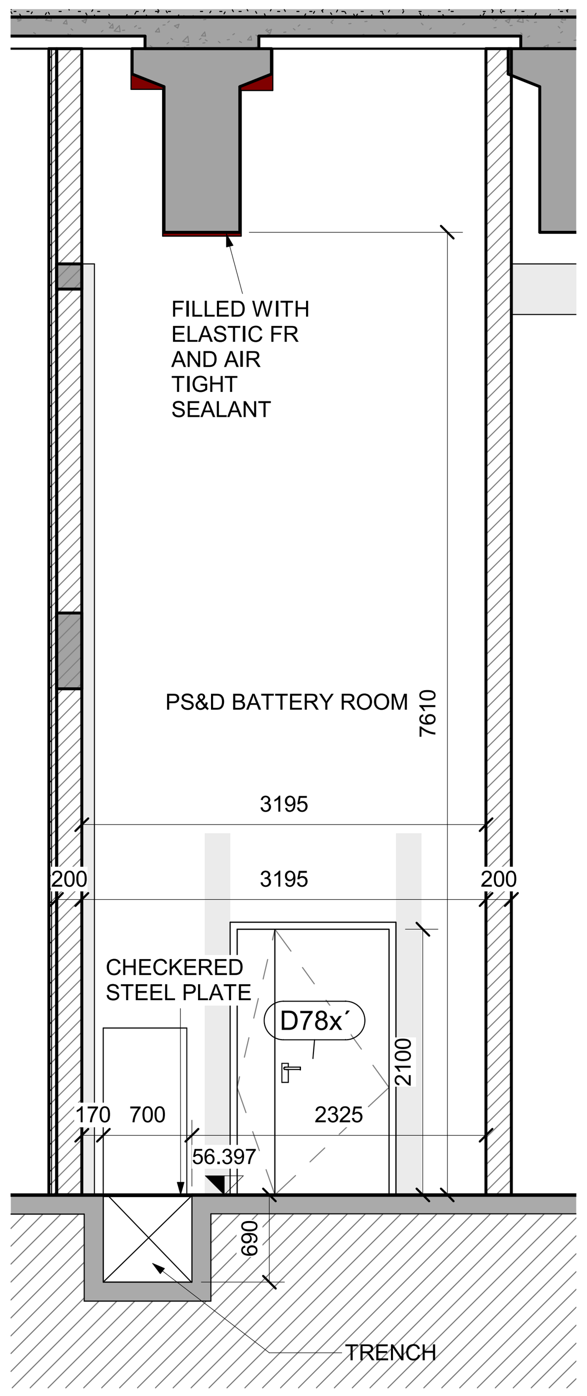
DRAWING TITLE : DETAILED DESIGN FIRE & LIFE SAFETY ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL FLS EGRESS

Page: 1 of 1

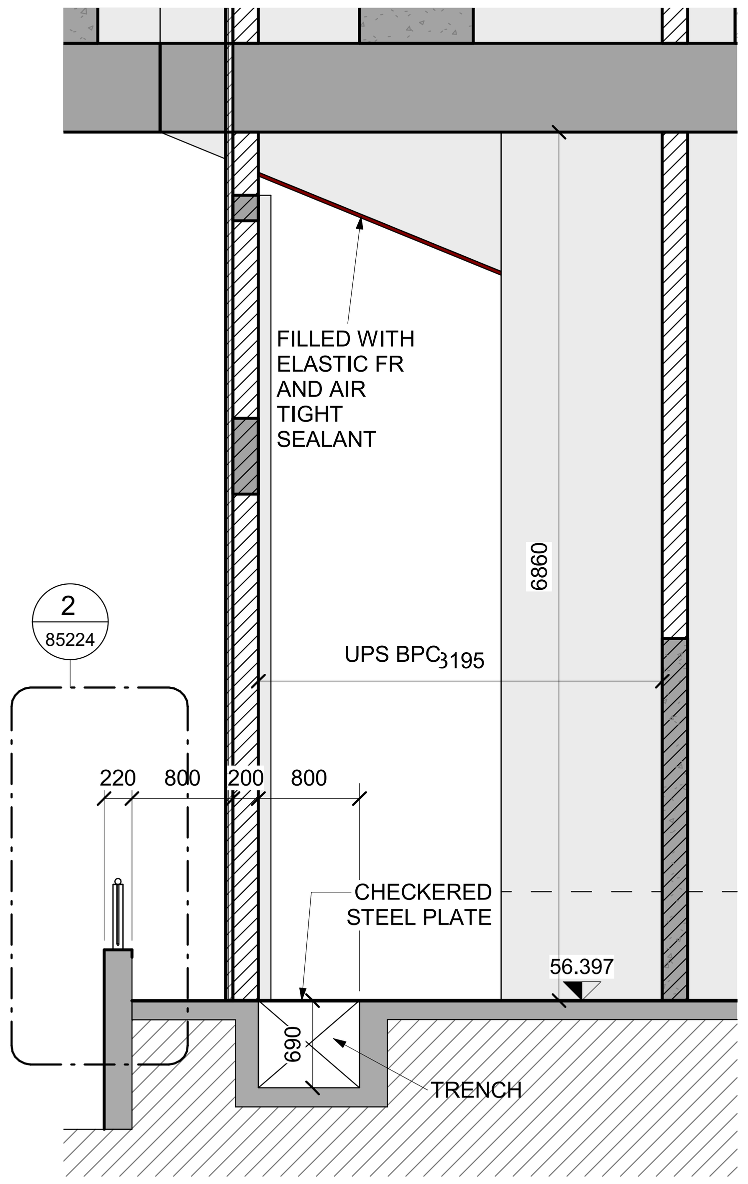
Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85067	A



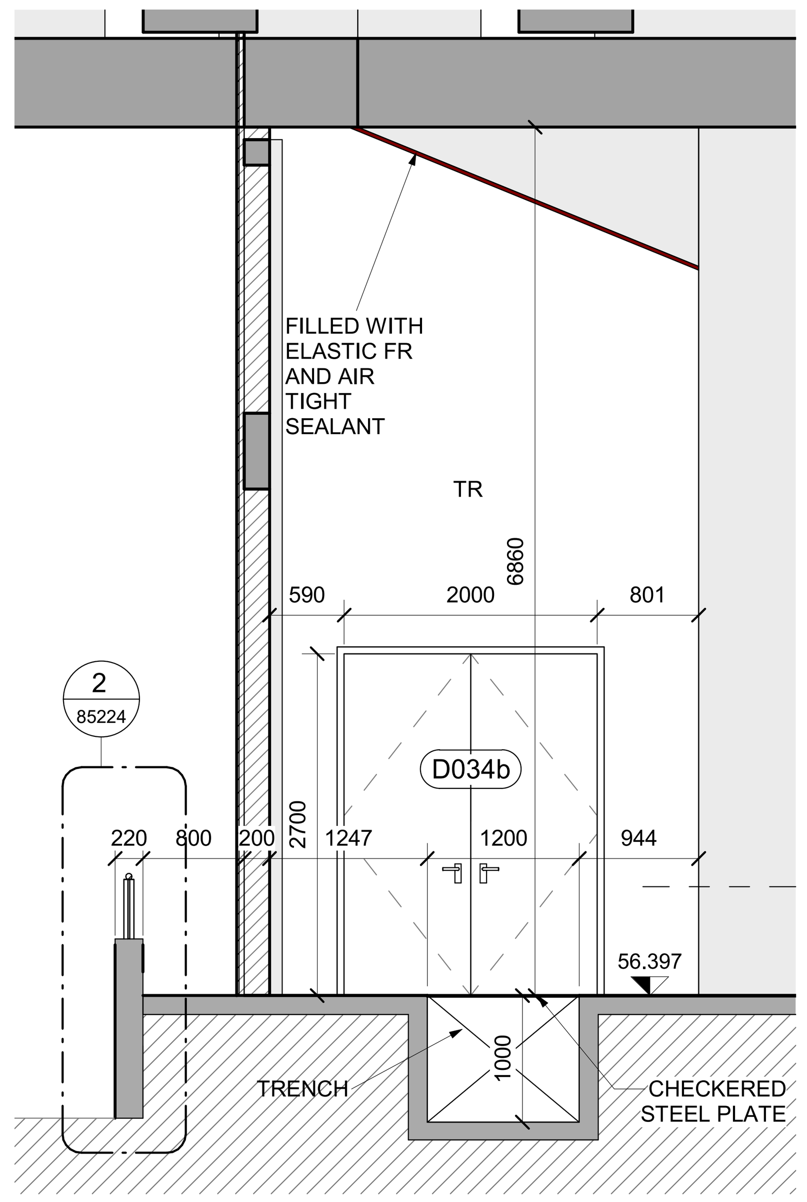
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SCALE 1 : 50



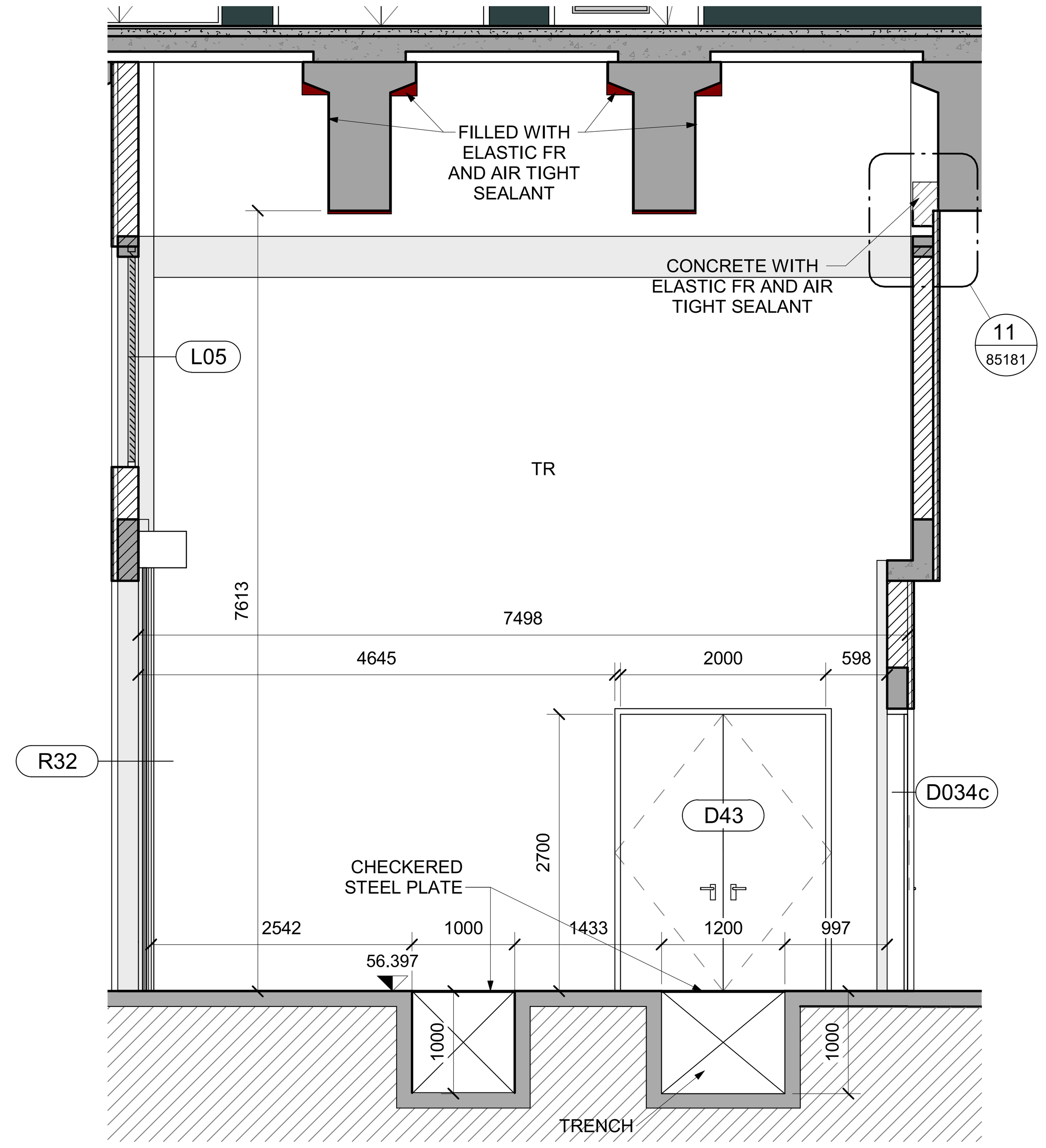
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SCALE 1 : 50



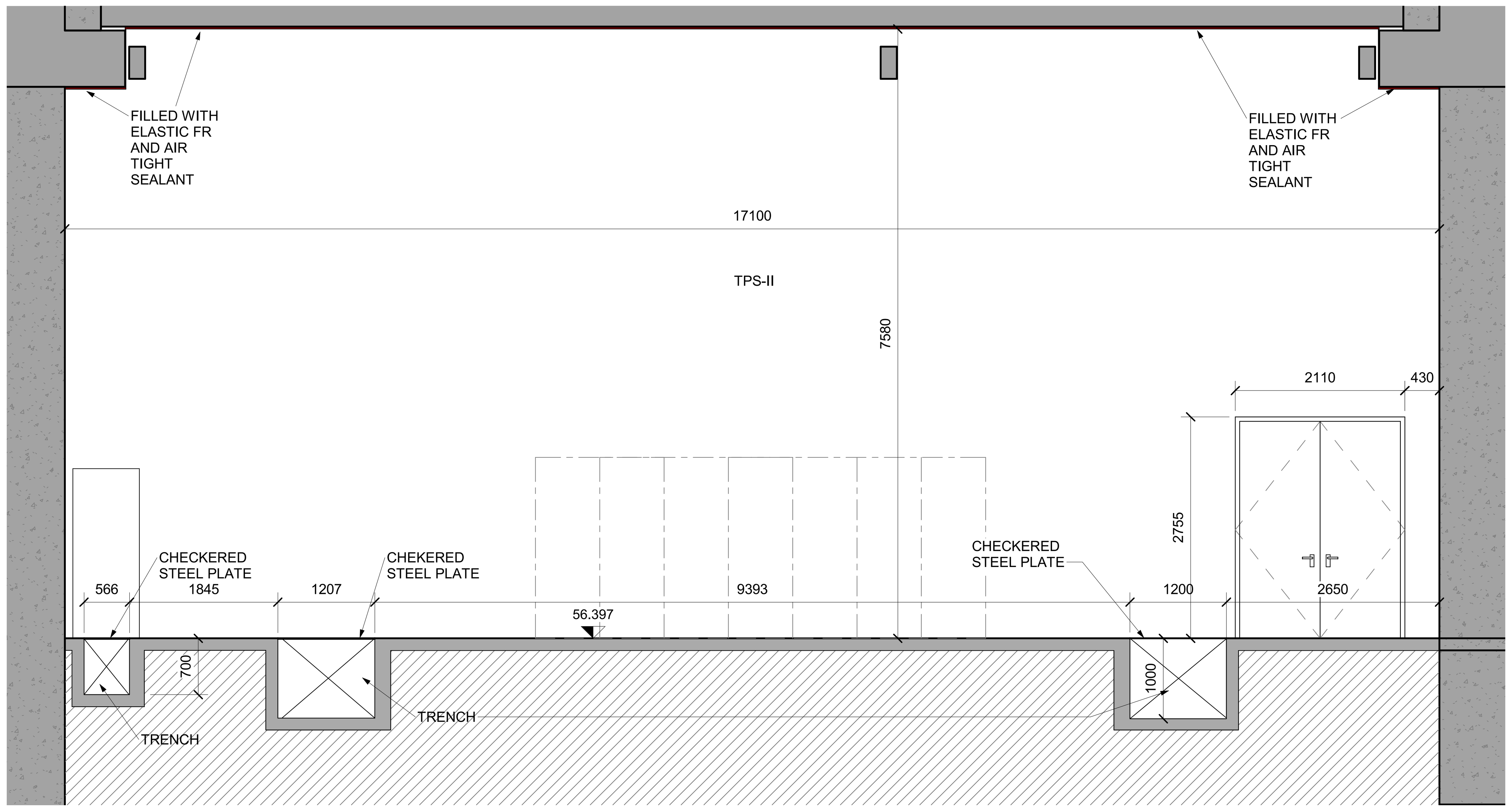
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SCALE 1 : 50



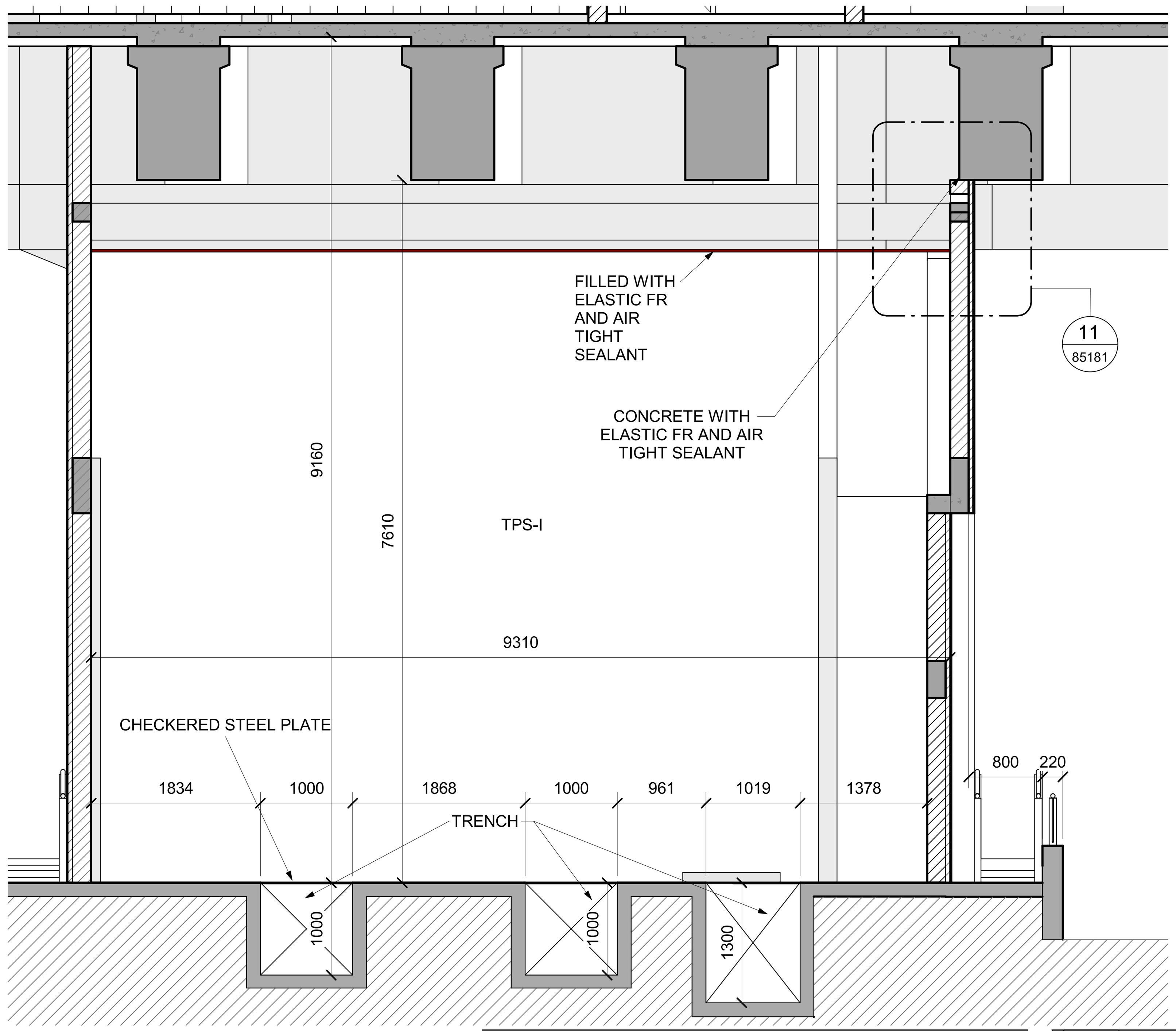
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SCALE 1 : 50



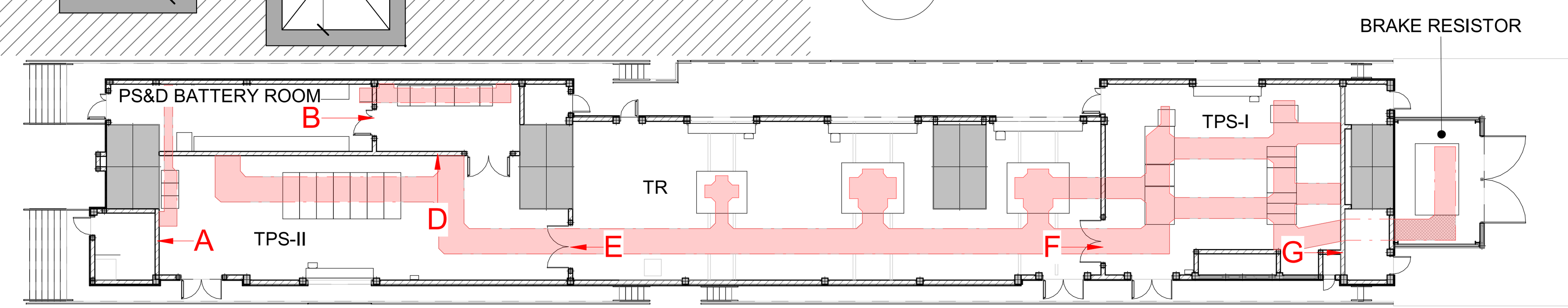
F WALL F
SCALE 1 : 50



D WALL D
SCALE 1 : 50



G WALL G
SCALE 1 : 50



8 GROUND LEVEL
SCALE 1 : 250

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
- 93M-0450-SHK-000PW-DDG-31107
- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0620-SHK-000PW-DDG-31105
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- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
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6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.TPS WALLS FLS STRATEGY

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85068	A



COMPARTMENT RATING

IN ACCORDANCE WITH NFPA 220 CLAUSE 3.1 AND NFPA 130 5.2.4.3-4-5

a) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS, 2 HOURS
b) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING ONE FLOOR ONLY, 2 HOURS
c) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING A ROOF ONLY, 1 HOUR
d) COLUMNS SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS, 2 HOURS
e) COLUMNS SUPPORTING ONE FLOOR ONLY, 2 HOURS
f) COLUMNS SUPPORTING A ROOF ONLY, 1 HOUR
g) BEAMS, GIRDERS, TRUSSES, ARCHES SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS, 2 HOURS
h) BEAMS, GIRDERS, TRUSSES, ARCHES SUPPORTING ONE FLOOR ONLY, 2 HOURS
i) BEAMS, GIRDERS, TRUSSES, ARCHES SUPPORTING A ROOF ONLY, 1 HOUR
j) FLOOR / CEILING ASSEMBLIES 2 HOURS
k) ROOF / CEILING ASSEMBLIES 1 HOURS
l) INTERIOR NON-BEARING WALLS (ACCORDING TO FIRE COMPARTMENTALIZATION) 0 HOURS
m) EXTERIOR NON-BEARING WALLS 0 HOURS
n) SHAFTS FOR EMERGENCY EXIT STAIRS 2 HOURS
o) SHAFTS FOR EMERGENCY ELEVATORS 2 HOURS
p) STAFF AREA WALLS 1 HOUR
q) WALLS AND OPENINGS BETWEEN TRANSIT AND NON TRANSIT AREAS 2 HOURS
r) WALLS BETWEEN PUBLIC AND NON PUBLIC AREAS 1 HOURS, 45 MINUTES FOR OPENINGS
s) POWER SUBSTATION WALL AND OPENINGS 2H
t) TRAIN CONTROL ROOMS, ELECTRICAL CONTROL ROOMS, AUXILIARY ELECTRICAL ROOMS, AND ASSOCIATED BATTERY ROOMS 2 HOURS FROM ALL OTHER OCCUPANCIES. OPENINGS PROTECTION RATING OF 1.5 HOURS.

*ROOFS NO SUPPORTING ANY OCCUPANCY ABOVE ARE NOT REQUIRED HAVE A FIRE RESISTANCE RATING.

COMPARTIMENTATION LEGEND

- RA (REFUGE AREA)
- WALL FIRE RESISTANT 1h
- WALL FIRE RESISTANT 2h
- WALL FIRE RESISTANT 2h UP TO 2.3m.
- FIRE EXTINGUISHER
- FR-XX WINDOWS FIRE RESISTANCE
- FR-XX DOORS FIRE RESISTANCE
- FIRE HOSE CABINET

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTRY OF DEFENCE.
(**) THIS DOCUMENT SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0473-SEN-000PW-SRP-85001

ROOM SCHEDULE		
NUMBER	NAME	AREA
027a	CORRIDOR	24 m²
027b	CORRIDOR	26 m²
027c	CORRIDOR	91 m²
028	PS&D BATTERY ROOM	37 m²
029a	CLEAN AGENT	9 m²
029b	CLEAN AGENT	4 m²
029c	CLEAN AGENT	7 m²
029d	CLEAN AGENT	4 m²
034	TR	177 m²
035	UPS BPC	22 m²
039	BRAKE RESISTOR	24 m²
040	DIESEL GENERATOR & FUEL TANK	35 m²
042	TPS-I	95 m²
043	TPS-II	108 m²
052	CRAC OUTDOOR UNITS	40 m²
054	FIRE EQUIPMENT ROOM	4 m²
TOTAL		706 m²

NOTES :
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* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.
* FOR CONTEXT PLANNING LEVELS AND DESIGN PLEASE REFER TO ACCES STAIRS ADAPTATION PACKAGES ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE.

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
- 93M-0450-SHK-000PW-DDG-31107
- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
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- 93M-0620-SHK-000PW-DDG-31106
- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

The Authority — Hill International, Authority Consultant — Main Contractor — Designer

KEY PLAN :


ORIGINAL FORMAT : A1 | DATE : 2023/06/09
SCALE : 1 : 200
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.GROUND LEVEL FLS COMPARTMENTATION

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85070	A



COMPARTIMENTATION LEGEND

- RA (REFUGE AREA)
- WALL FIRE RESISTANT 1h
- WALL FIRE RESISTANT 2h
- WALL FIRE RESISTANT 2h UP TO 2.3m.
- FIRE EXTINGUISHER
- FR-XX WINDOWS FIRE RESISTANCE
- FR-XX DOORS FIRE RESISTANCE
- FIRE HOSE CABINET

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTRY OF DEFENCE.
(**) THIS DOCUMENT SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0473-SEN-000PW-SRP-85001

COMPARTMENT RATING

IN ACCORDANCE WITH NFPA 220 CLAUSE 3.1 AND NFPA 130 5.2.4.3-4-5

a) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS, 2 HOURS
b) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING ONE FLOOR ONLY, 2 HOURS
c) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING A ROOF ONLY, 1 HOUR
d) COLUMNS SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS, 2 HOURS
e) COLUMNS SUPPORTING ONE FLOOR ONLY, 2 HOURS
f) COLUMNS SUPPORTING A ROOF ONLY, 1 HOUR
g) BEAMS, GIRDERS, TRUSSES, ARCHES SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS, 2 HOURS
h) BEAMS, GIRDERS, TRUSSES, ARCHES SUPPORTING ONE FLOOR ONLY, 2 HOURS
i) BEAMS, GIRDERS, TRUSSES, ARCHES SUPPORTING A ROOF ONLY, 1 HOUR
j) FLOOR / CEILING ASSEMBLIES 2 HOURS
k) ROOF / CEILING ASSEMBLIES 1 HOURS
l) INTERIOR NON-BEARING WALLS (ACCORDING TO FIRE COMPARTMENTALIZATION) 0 HOURS
m) EXTERIOR NON-BEARING WALLS 0 HOURS
n) SHAFTS FOR EMERGENCY EXIT STAIRS 2 HOURS
o) SHAFTS FOR EMERGENCY ELEVATORS 2 HOURS
p) STAFF AREA WALLS 1 HOUR
q) WALLS AND OPENINGS BETWEEN TRANSIT AND NON TRANSIT AREAS 2 HOURS
r) WALLS BETWEEN PUBLIC AND NON PUBLIC AREAS 1 HOURS, 45 MINUTES FOR OPENINGS
s) POWER SUBSTATION WALL AND OPENINGS 2H
t) TRAIN CONTROL ROOMS, ELECTRICAL CONTROL ROOMS, AUXILIARY ELECTRICAL ROOMS, AND ASSOCIATED BATTERY ROOMS 2 HOURS FROM ALL OTHER OCCUPANCIES. OPENINGS PROTECTION RATING OF 1.5 HOURS.

*ROOFS NO SUPPORTING ANY OCCUPANCY ABOVE ARE NOT REQUIRED HAVE A FIRE RESISTANCE RATING.

ROOM SCHEDULE

NUMBER	NAME	AREA
100a	PUBLIC AREA	675 m²
100b	PUBLIC AREA	679 m²
101	ACCESS	219 m²
102	ACCESS BRIDGE	196 m²
103	ACCESS BRIDGE	194 m²
104	CIVIL DEFENCE	16 m²
105	WATER PUMPS	98 m²
107a	SAFE	9 m²
107b	SAFE (MPT)	9 m²
108a	TOM	26 m²
108b	TOM	26 m²
109	FIRST AID ROOM	9 m²
110	BMS	10 m²
112a	ELECT. CLOSET	8 m²
112b	ELECT. CLOSET	10 m²
112c	ELECT. CLOSET	9 m²
113a	POLICE OFFICER	9 m²
113b	POLICE OFFICER	16 m²
114	POLICE STAFF	22 m²
115	ITS ROOM	7 m²
116	SMO	30 m²
117a	EMERGENCY WALKWAY	320 m²
117b	EMERGENCY WALKWAY	319 m²

ROOM SCHEDULE

NUMBER	NAME	AREA
118a	COM ROOM	17 m²
118b	COM ROOM	13 m²
120	MALE WC	17 m²
121	PRM WC	6 m²
122	FEMALE WC	13 m²
123	JANITOR ROOM	7 m²
124	STAFF WC	13 m²
125a	MAINTENANCE ROOM	2 m²
125b	MAINTENANCE ROOM	2 m²
125c	MAINTENANCE ROOM	6 m²
125d	MAINTENANCE ROOM	3 m²
126	LV PANEL	45 m²
127	CORRIDOR	17 m²
129a	CLEAN AGENT	9 m²
129b	CLEAN AGENT	6 m²
129c	CLEAN AGENT	5 m²
130	CRAH ROOM (HVAC)	33 m²
131	EER	109 m²
136	UPS CBS	46 m²
146	STORAGE	5 m²
147a	WATER TANKS	35 m²
147b	WATER TANKS	34 m²
148a	CORRIDOR	2 m²
148b	CORRIDOR	2 m²
TOTAL		3363 m²

NOTES :
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* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
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- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
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- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

The Authority
Hill International
Authority Consultant
Main Contractor
Designer

KEY PLAN :

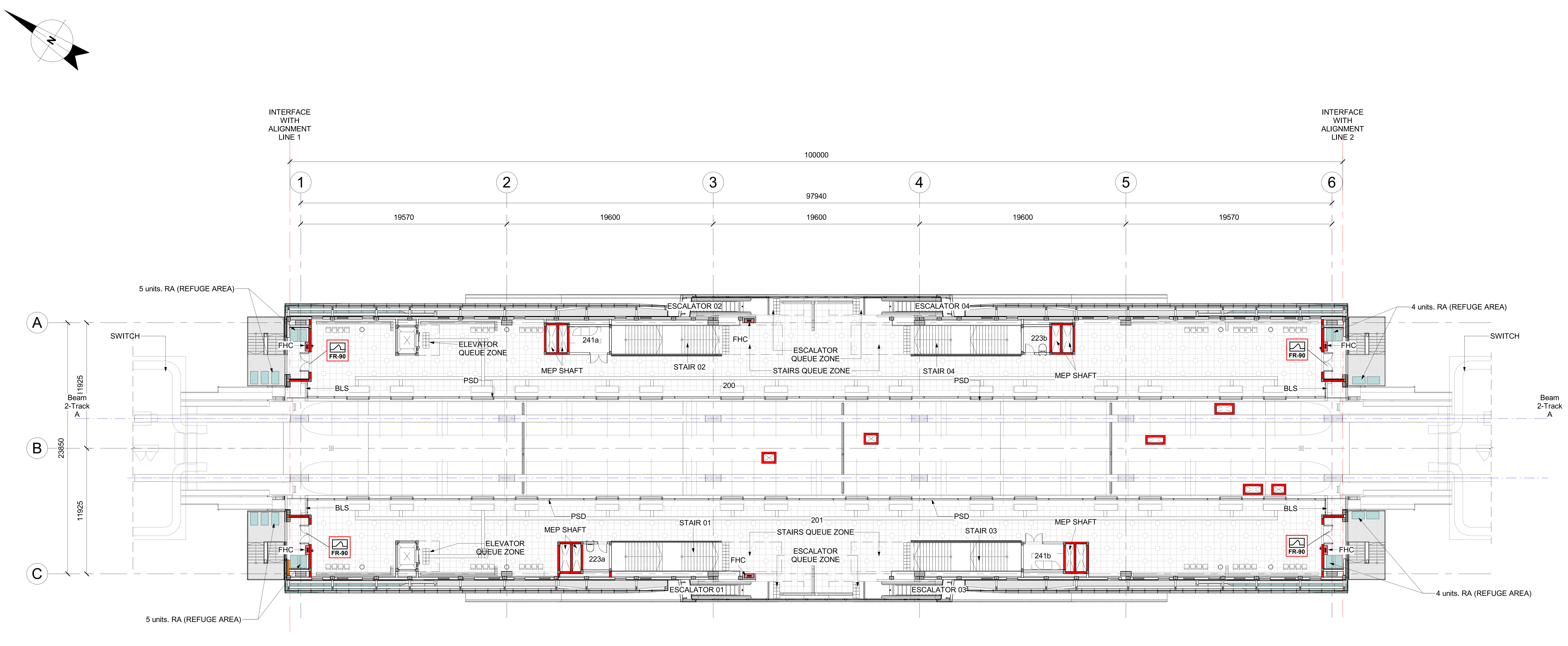
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : 1 : 200
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL COMPARTMENTATION

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85071	A



COMPARTMENTATION LEGEND

RA (REFUGE AREA)	
WALL FIRE RESISTANT 1h	FR-XX WINDOWS FIRE RESISTANCE
WALL FIRE RESISTANT 2h	
WALL FIRE RESISTANT 2h UP TO 2.3m.	FR-XX DOORS FIRE RESISTANCE
FIRE EXTINGUISHER	FIRE HOSE CABINET

(*) EGRESS PROTOCOL FOR THE POLICE QUARTERS TO BE DEFINED BY MINISTRY OF DEFENCE.

(**) THIS DOCUMENT SHOULD BE STUDIED IN CONJUCTION WITH DOCUMENT NUMBER: 93M-0473-SEN-000PW-SRP-85001

COMPARTMENT RATING

IN ACCORDANCE WITH NFPA 220 CLAUSE 3.1 AND NFPA 130 5.2.4.3-4-5

a) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS, 2 HOURS
b) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING ONE FLOOR ONLY, 2 HOURS
c) EXTERIOR AND INTERIOR BEARING WALLS SUPPORTING A ROOF ONLY, 1 HOUR
d) COLUMNS SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS, 2 HOURS
e) COLUMNS SUPPORTING ONE FLOOR ONLY, 2 HOURS
f) COLUMNS SUPPORTING A ROOF ONLY, 1 HOUR
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i) BEAMS, GIRDERS, TRUSSES, ARCHES SUPPORTING A ROOF ONLY, 1 HOUR
j) FLOOR / CEILING ASSEMBLIES 2 HOURS
k) ROOF / CEILING ASSEMBLIES 1 HOURS
l) INTERIOR NON-BEARING WALLS (ACCORDING TO FIRE COMPARTMENTALIZATION) 0 HOURS
m) EXTERIOR NON-BEARING WALLS 0 HOURS
n) SHAFTS FOR EMERGENCY EXIT STAIRS 2 HOURS
o) SHAFTS FOR EMERGENCY ELEVATORS 2 HOURS
p) STAFF AREA WALLS 1 HOUR
q) WALLS AND OPENINGS BETWEEN TRANSIT AND NON TRANSIT AREAS 2 HOURS
r) WALLS BETWEEN PUBLIC AND NON PUBLIC AREAS 1 HOURS, 45 MINUTES FOR OPENINGS
s) POWER SUBSTATION WALL AND OPENINGS 2H
t) TRAIN CONTROL ROOMS, ELECTRICAL CONTROL ROOMS, AUXILIARY ELECTRICAL ROOMS, AND ASSOCIATED BATTERY ROOMS 2 HOURS FROM ALL OTHER OCCUPANCIES. OPENINGS PROTECTION RATING OF 1.5 HOURS.

*ROOFS NO SUPPORTING ANY OCCUPANCY ABOVE ARE NOT REQUIRED HAVE A FIRE RESISTANCE RATING.

ROOM SCHEDULE

NUMBER	NAME	Area
200	PLATFORM	641 m²
201	PLATFORM	641 m²
206a	ACCESS TO TRACK	10 m²
206b	ACCESS TO TRACK	10 m²
206c	ACCESS TO TRACK	10 m²
206d	ACCESS TO TRACK	10 m²
223a	JANITOR ROOM	6 m²
223b	JANITOR ROOM	6 m²
238a	BLS ROOM	3 m²
238b	BLS ROOM	3 m²
238c	BLS ROOM	3 m²
238d	BLS ROOM	3 m²
241a	COM ROOM	9 m²
241b	COM ROOM	9 m²
TOTAL		1366 m²

NOTES :
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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0450-SHK-000PW-DDG-31105
- 93M-0450-SHK-000PW-DDG-31106
- 93M-0450-SHK-000PW-DDG-31107
- 93M-0450-SHK-000PW-DDG-31108
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0620-SHK-000PW-DDG-31105
- 93M-0620-SHK-000PW-DDG-31106
- 93M-0620-SHK-000PW-DDG-31107
- 93M-0620-SHK-000PW-DDG-31108
- 93M-0620-SHK-000PW-DDG-31109
- 93M-0620-SHK-000PW-DDG-31110
- 93M-0620-SHK-000PW-DDG-31134

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : 1 : 200
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL FLS COMPARTMENTATION

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85072	A



ORIGIN OF TRAVEL PATH TO BUILDING EXIT	FIRE TRUCKS
EV-Nº BUILDING EXIT	EMERGENCY SERVICE VEHICLES
EV-Nº EGRESS STAIR IDENTIFICATION	STAIR: ACCESS TO PLATFORM LEVEL FOR EMERGENCY PERSONEL
ASSEMBLY AREA	EMERGENCY EGRESS TRAVEL PATH DIRECTION
	PEDESTRIAN ACCESS FOR EMERGENCY SERVICES STAFF

NOTE:
"FOR CONTEXT PLANNING LEVELS AND DISIGN, PLEASE REFER TO ACCESS STAIR ADAPTATION PACKAGE - ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE."

NOTES :
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KEY PLAN :

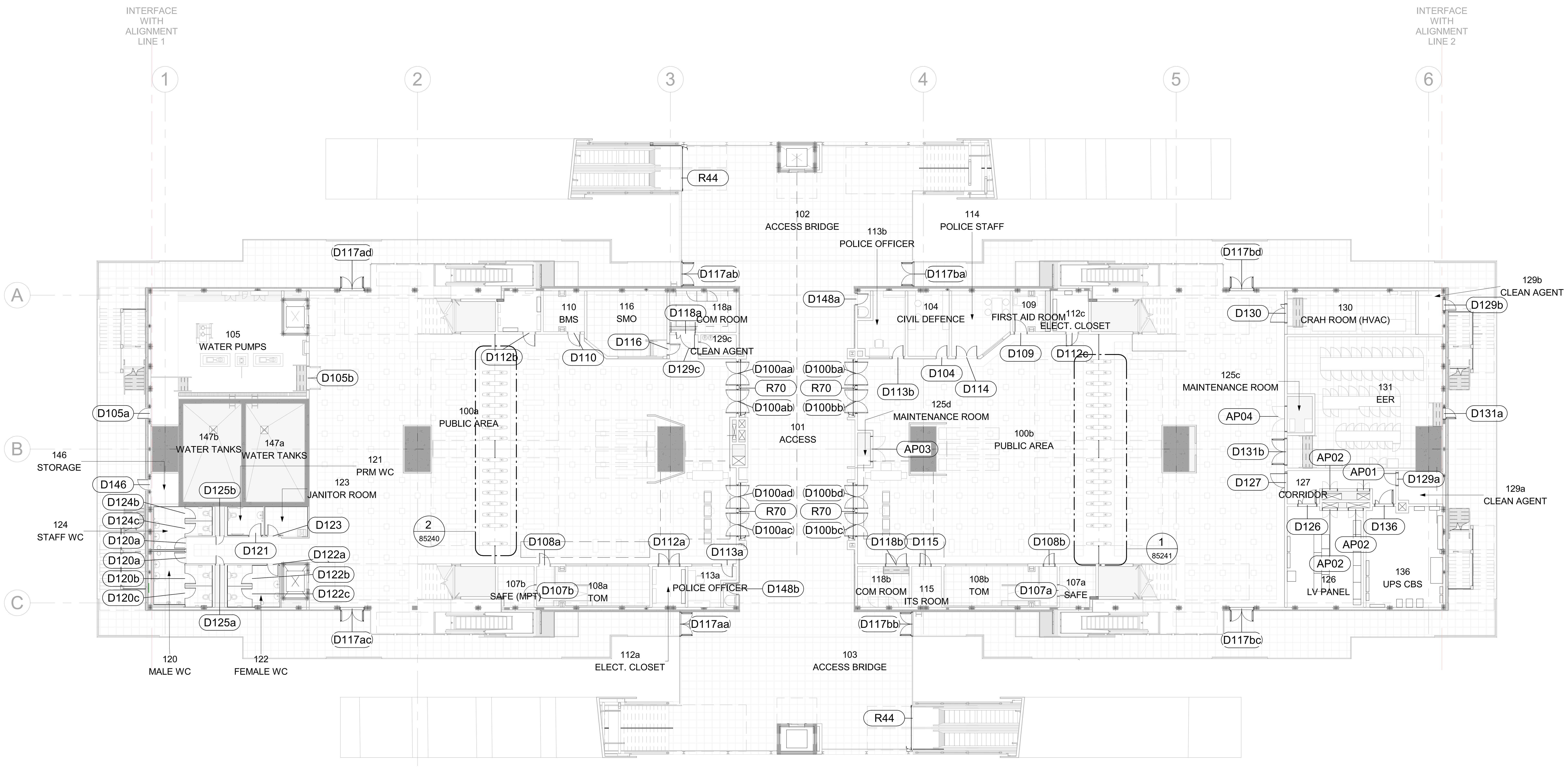
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
FIRE & LIFE SAFETY
ACCESIBILITY PLANS, FIRE AND LIFE SAFETY PLANS
CLOSED STATION PROTOTYPE 3.EMERGENCY VEHICLE ACCESS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85075	A



1 CONCOURSE LEVEL
SCALE 1 : 200

*WALL OPENING=DOOR LEAF+FRAME+10mm CLEARANCE

DOOR TYPOLOGY DEVICES	
a/b/c	GRILL
*	PANIC HARDWARE
◊	CARD READER
'	1 PANIC HARDWARE (DOUBLE DOOR)

*WALL OPENING=DOOR LEAF+FRAME+10mm CLEARANCE

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0600-SHK-000PW-DDG-31002-GROUND LEVEL
- 93M-0600-SHK-000PW-DDG-31003-CONCOURSE LEVEL
- 93M-0600-SHK-000PW-DDG-31004-PLATFORM LEVEL
- 93M-0601-SHK-000PW-ERP-XXXXX

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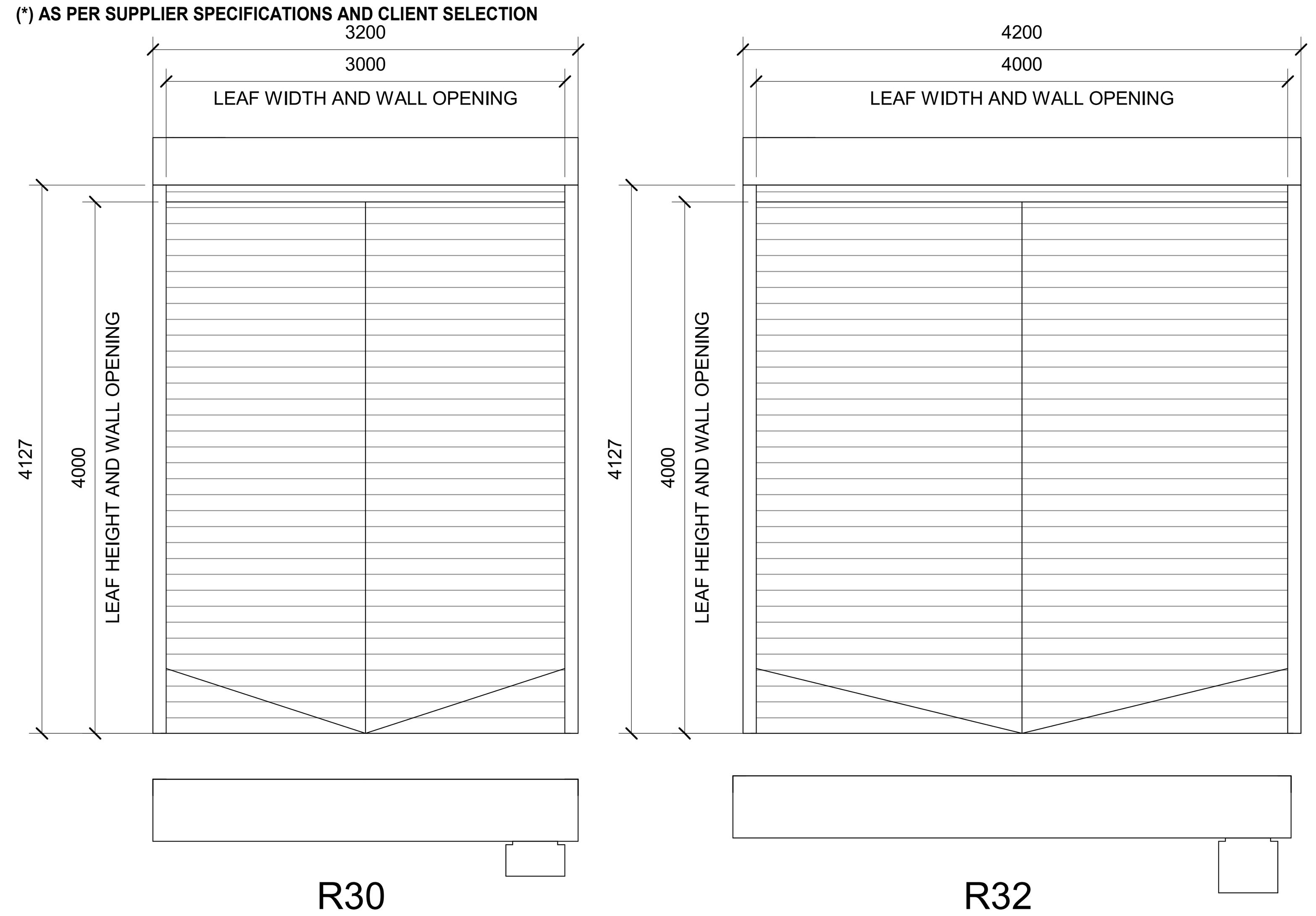
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
DOORS AND WINDOWS SCHEDULE
CLOSED STATION PROTOTYPE 3.DOOR KEY PLAN

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85080	A

DOOR SCHEDULE																				
TYPE	QUANTITY	DESCRIPTION	WIDTH (m)	HEIGHT (m)	FIRE RATING	WALL OPENING WIDTH (m)	WALL OPENING HEIGHT (m)	FRAME DIMENSION	DOOR HANDLE	DOOR PUSH BAR	DOOR GRILL	GRILL WIDTH (m)	GRILL HEIGHT (m)	DOOR MATERIAL	LOCK WITH INDICATOR	DOOR KEY LOCK	DOOR SELF CLOSING DEVICE	DOOR LOCK-CARD READER	DOOR FINISH	REMARKS
R30	3	LOUVER ROLLER SHUTTER DOOR FR45min	3.000	4.000	45	3.000	4.000	(*)	NO	NO	NO	--	--	METAL(*)	NO	YES	YES	NO	(*)	DOOR CONTACT
R32	1	LOUVER ROLLER SHUTTER DOOR FR45min	4.000	4.000	45	4.000	4.000	(*)	NO	NO	NO	--	--	METAL(*)	NO	YES	YES	NO	(*)	DOOR CONTACT
R32	1	LOUVER ROLLER SHUTTER DOOR FR60min	4.000	4.000	60	4.000	4.000	(*)	NO	NO	NO	--	--	METAL(*)	NO	YES	YES	NO	(*)	DOOR CONTACT
R44	4	PERFORATED / GRILL ROLLER DOOR	3.600	2.200	NFR	3.600	2.200	(*)	NO	NO	NO	--	--	METAL(*)	NO	YES	YES	NO	(*)	
R70	4	PERFORATED / GRILL ROLLER DOOR	4.515	2.200	NFR	4.515	2.200	(*)	NO	NO	NO	--	--	METAL(*)	NO	YES	YES	NO	(*)	

(*) AS PER SUPPLIER SPECIFICATIONS AND CLIENT SELECTION

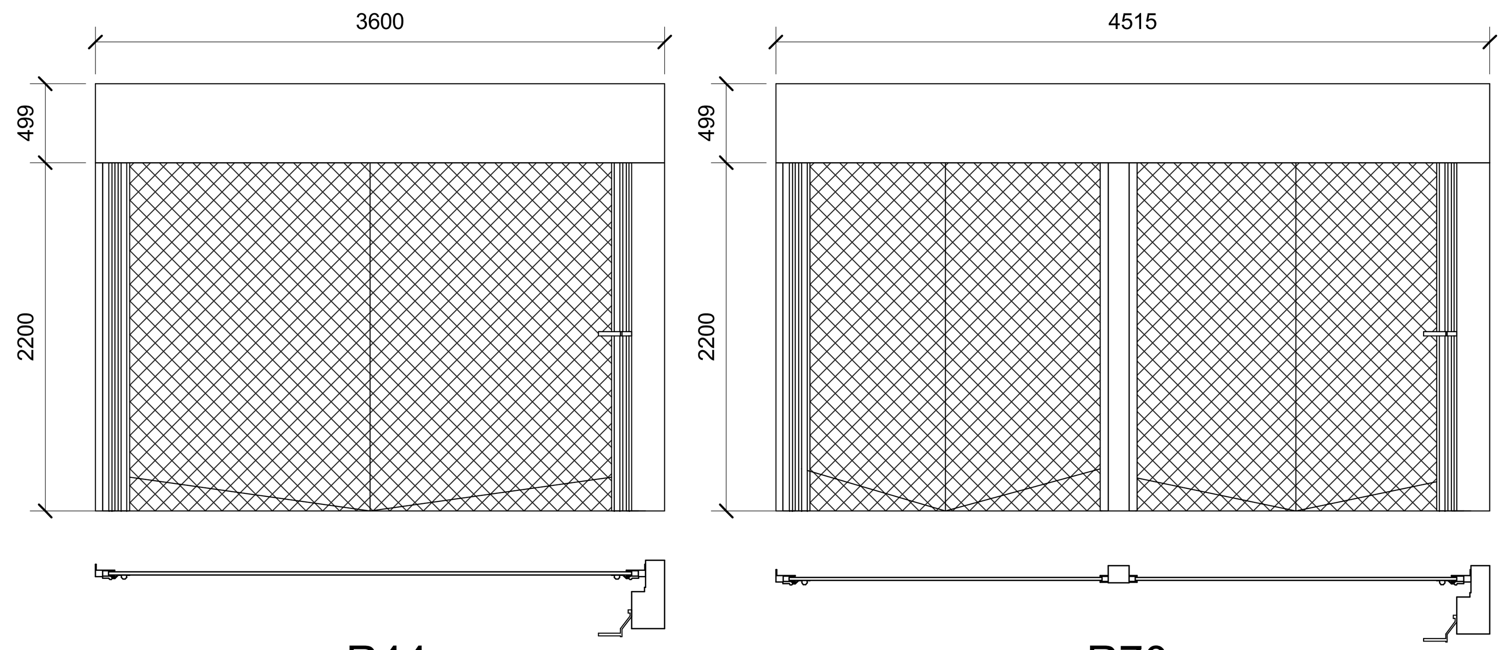


R30

LOUVER ROLLER SHUTTER DOOR FR45

R32

LOUVER ROLLER SHUTTER DOOR FR45

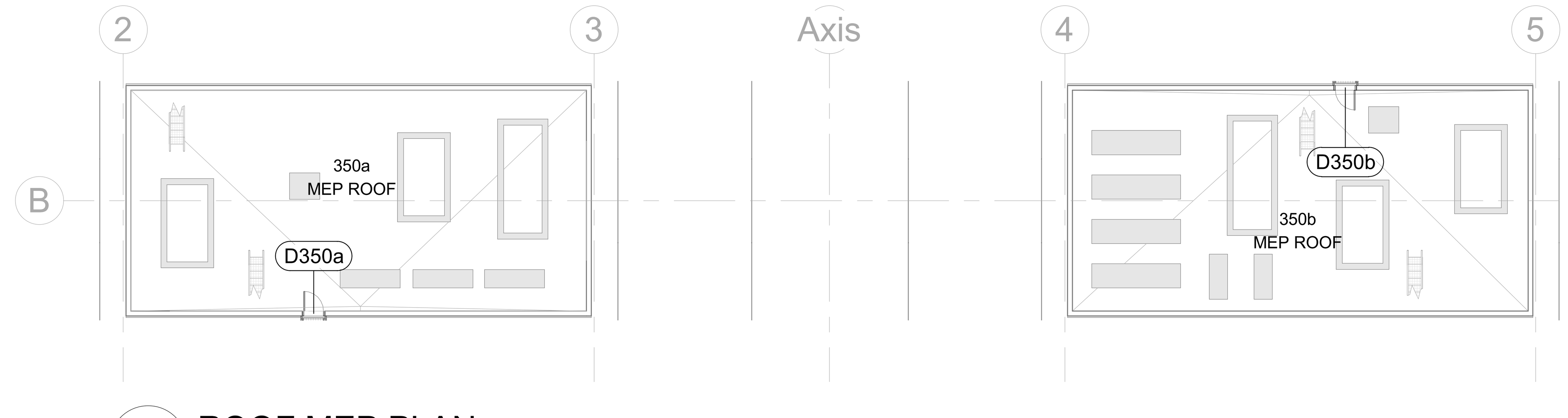


R44

PERFORATED / GRILL ROLLER DOOR

R70

PERFORATED / GRILL ROLLER DOOR



3 ROOF MEP PLAN
SCALE 1 : 200

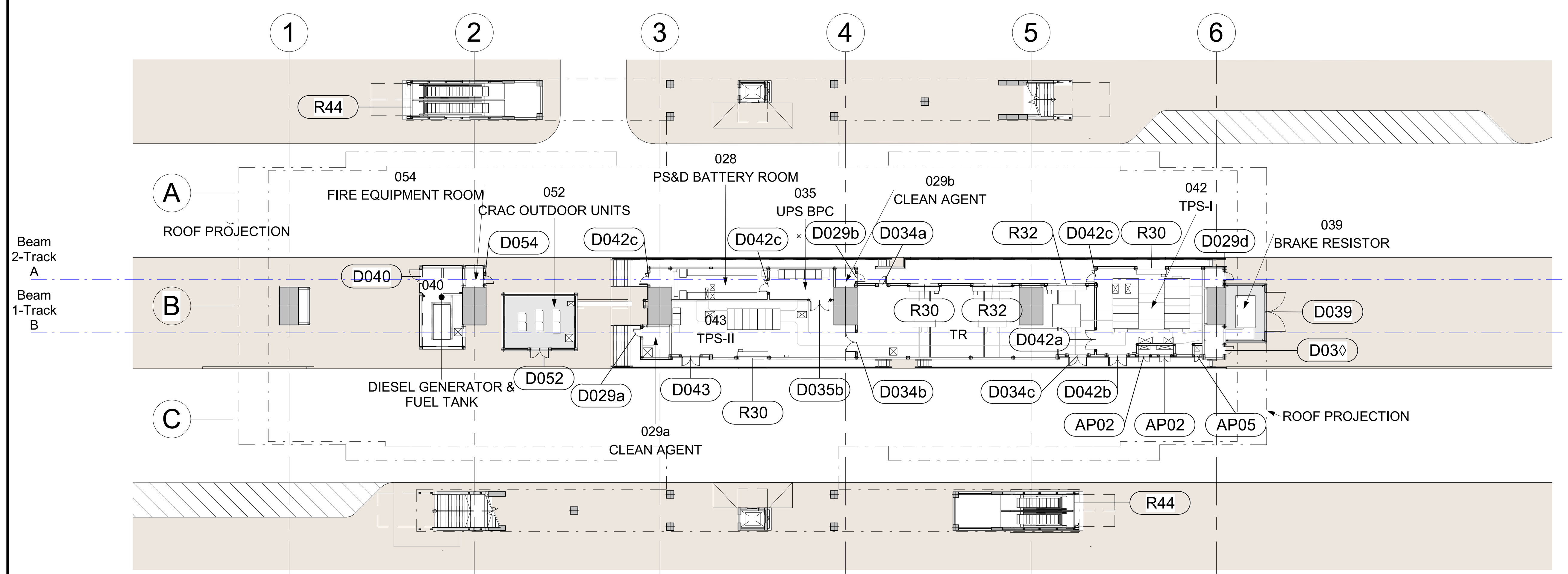
DOOR SCHEDULE											
TYPE	QUANTITY	DESCRIPTION	WIDTH (m)	HEIGHT (m)	FIRE RATING	WALL OPENING WIDTH (m)	WALL OPENING HEIGHT (m)	DOOR MATERIAL	DOOR FINISH	REMARKS	HARDWARE SET
AP01	1	ACCESS PANEL	1.000	2.000	FR90	1.000	2.000	GALVANISED STEEL	ACRYLIC POLYURETHANE FINISH COAT		TD18-F01
AP02	5	ACCESS PANEL	1.200	2.000	FR90	1.200	2.000	GALVANISED STEEL	ACRYLIC POLYURETHANE FINISH COAT		TD18-F01
AP03	1	ACCESS PANEL	2.000	2.000	FR90	2.000	2.000	GALVANISED STEEL	ACRYLIC POLYURETHANE FINISH COAT		TD18-F01
AP04	1	ACCESS PANEL	2.000	2.500	FR90	2.000	2.500	GALVANISED STEEL	ACRYLIC POLYURETHANE FINISH COAT		TD18-F01
AP05	1	ACCESS PANEL	0.600	2.000	FR45	0.600	2.000	GALVANISED STEEL	ACRYLIC POLYURETHANE FINISH COAT		TD18-F01

DOOR TYPOLOGY DEVICES

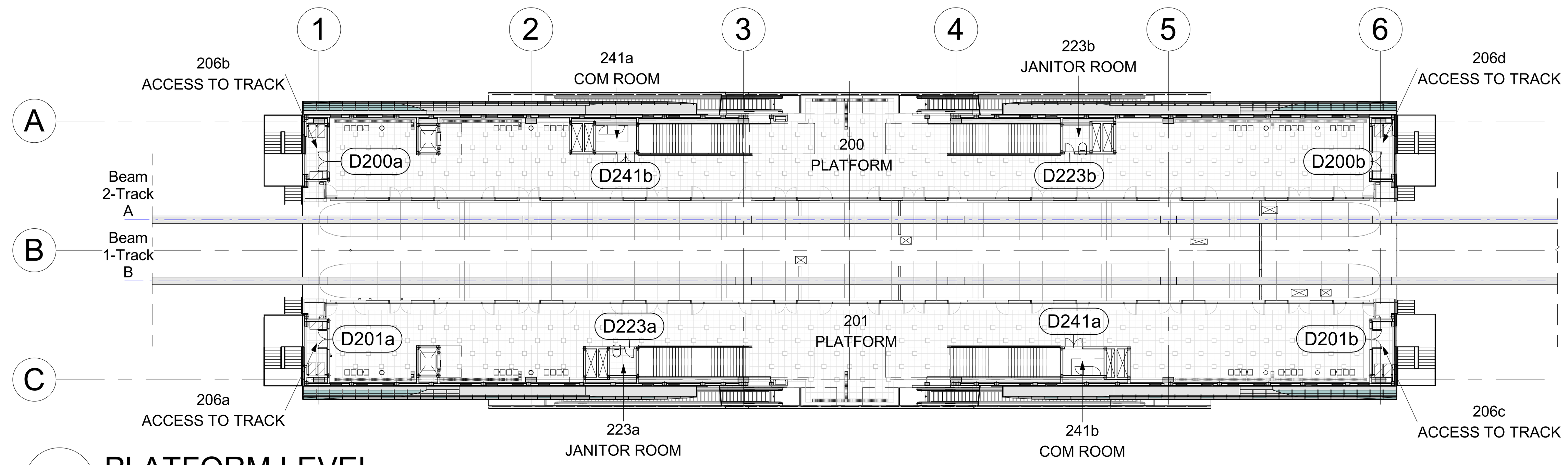
- a/b/c GRILL
- * PANIC HARDWARE
- ◊ CARD READER
- * 1 PANIC HARDWARE (DOUBLE DOOR)

*WALL OPENING=DOOR LEAF+FRAME+10mm CLEARANCE

*WALL OPENING=DOOR LEAF+FRAME+10mm CLEARANCE



1 GROUND LEVEL
SCALE 1 : 400



2 PLATFORM LEVEL
SCALE 1 : 400

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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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BOMBARDIER
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SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
DOORS AND WINDOWS SCHEDULE
CLOSED STATION PROTOTYPE 3.DOOR KEY PLAN AND ROLLER SHUTTER SCHEDULE

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85081	A



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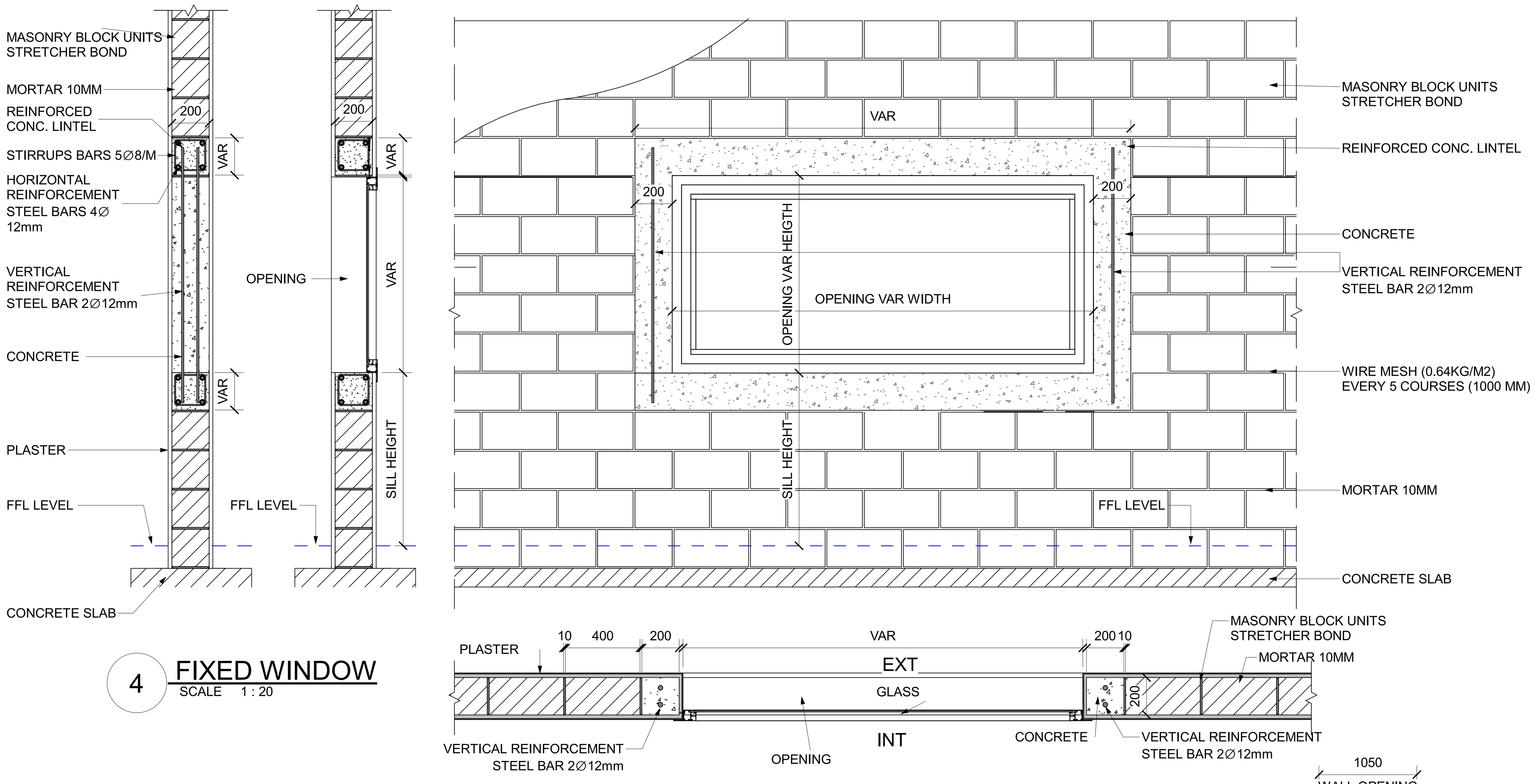
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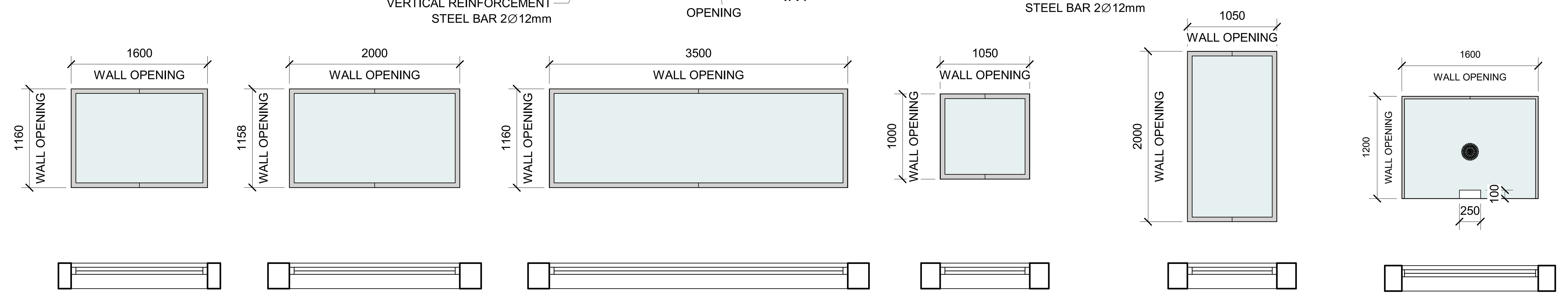
DETAILED DESIGN
ARCHITECTURE
DOORS AND WINDOWS SCHEDULE
CLOSED STATION PROTOTYPE 3.DOOR DETAILS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85082	A



4 FIXED WINDOW
SCALE 1 : 20



W02 ALUMINUM ALLOY 1 FIXED LEAF WINDOW

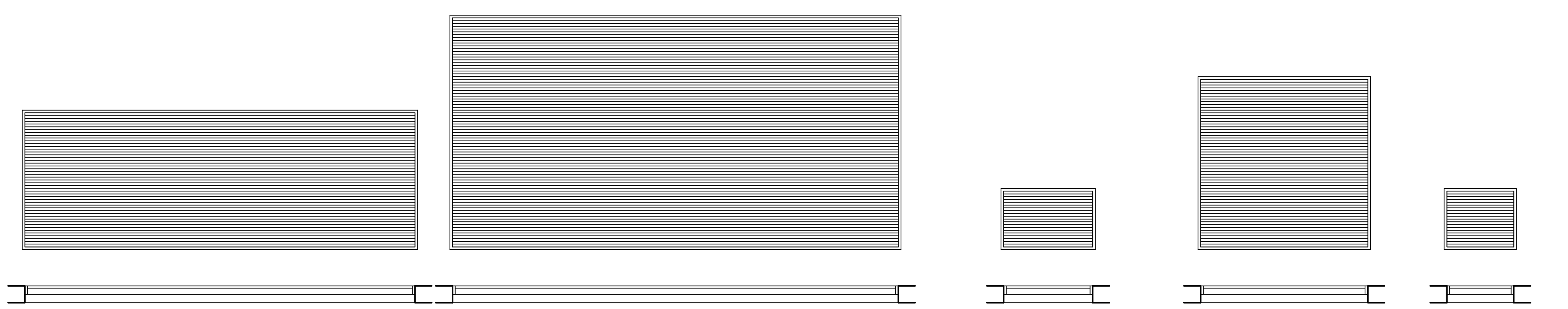
W03 ALUMINUM ALLOY 1 FIXED LEAF WINDOW

W05 ALUMINUM ALLOY 1 FIXED LEAF WINDOW

W07 ALUMINUM ALLOY 1 FIXED LEAF WINDOW

W08 ALUMINUM ALLOY 1 FIXED LEAF WINDOW

W10 PASS-THROUGH TRAY



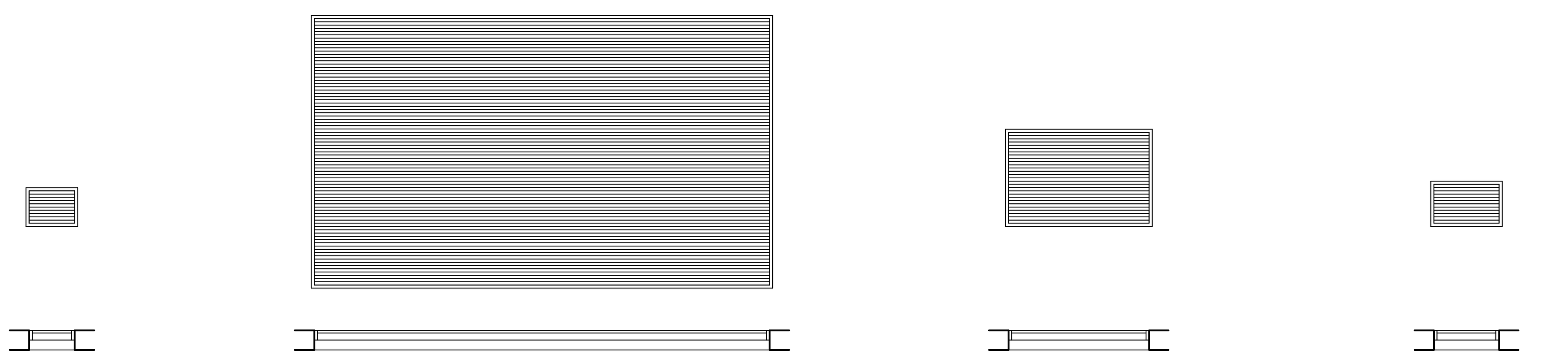
L04 ALUMINUM ALLOY LOUVRE

L05 ALUMINUM ALLOY LOUVER

L10 ALUMINUM ALLOY LOUVER

L13 ALUMINUM ALLOY LOUVER

L14 ALUMINUM ALLOY LOUVER

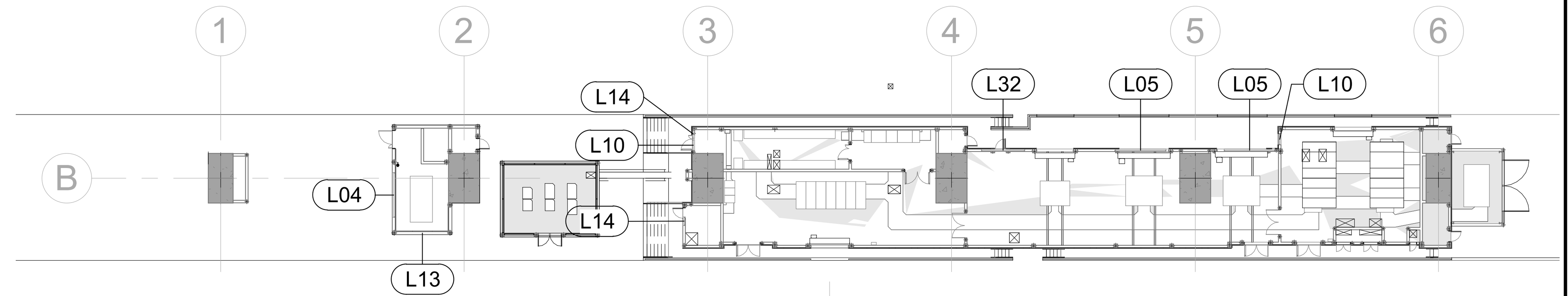


L24 ALUMINUM ALLOY LOUVER

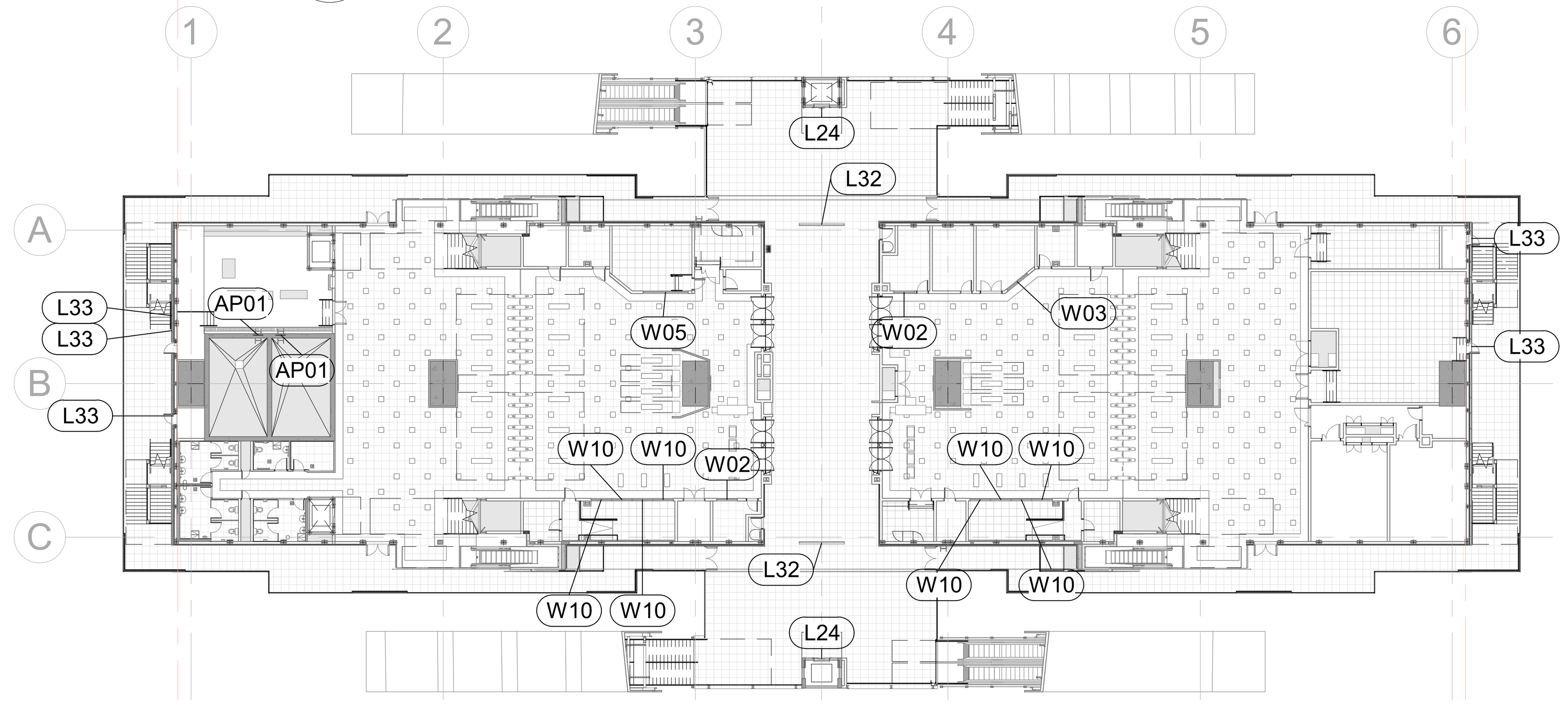
L32 ALUMINUM ALLOY LOUVER

L33 ALUMINUM ALLOY LOUVER

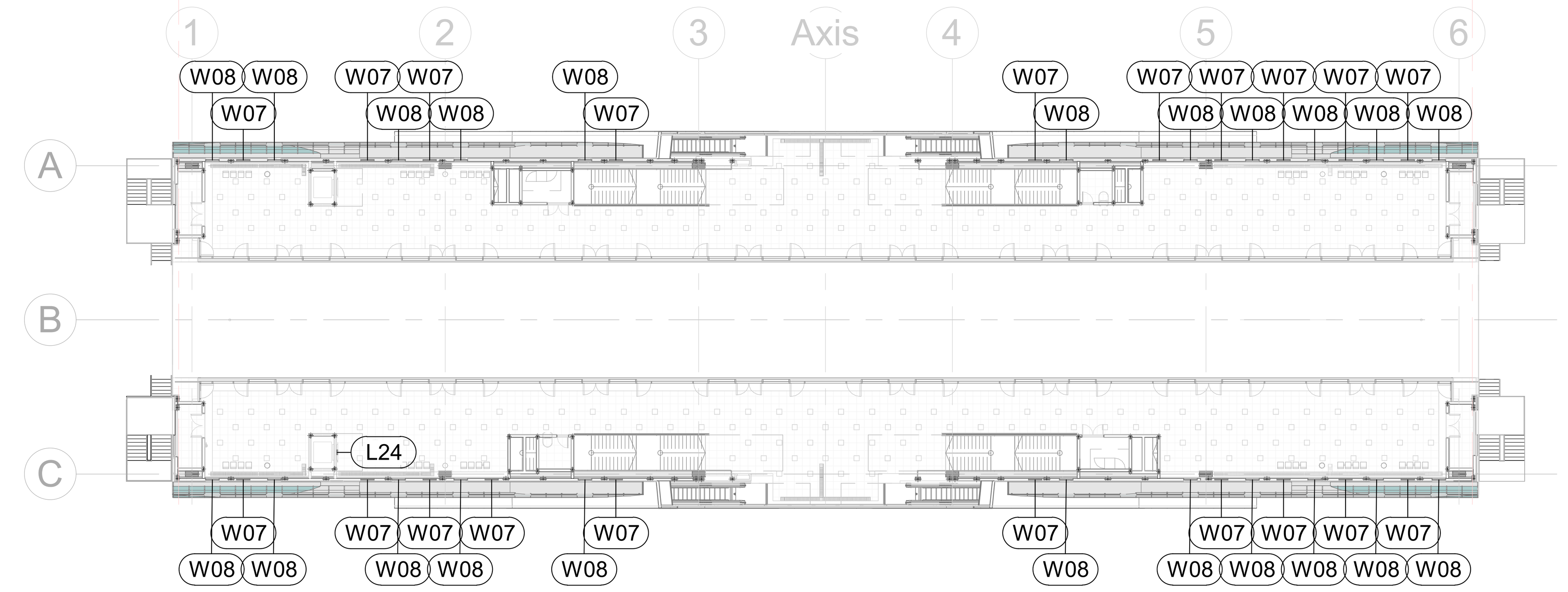
L66 ALUMINUM ALLOY LOUVER



1 GROUND LEVEL. WINDOWS & LOUVERS
SCALE 1 : 400



2 CONCOURSE LEVEL. WINDOWS & LOUVERS
SCALE 1 : 400



3 PLATFORM LEVEL. WINDOWS & LOUVERS
SCALE 1 : 400

WINDOW SCHEDULE								
TYPE	QUANTITY	DESCRIPTION	WIDTH m	HEIGHT m	FINISH	HANDLE	NO. LEAVES	SILL HEIGHT
L04	1	ALUMINIUM ALLOY LOUVER	3.50	1.10	PVDF	--	--	0.22
L05	2	ALUMINIUM ALLOY LOUVER	4.00	2.05	PVDF	--	--	4.25
L10	2	ALUMINIUM ALLOY LOUVER	0.80	0.50	PVDF	--	--	
L13	1	ALUMINIUM ALLOY LOUVER	1.50	1.50	PVDF	--	--	-1.80
L14	2	ALUMINIUM ALLOY LOUVER	0.60	0.50	PVDF	--	--	3.92
L24	4	ALUMINIUM ALLOY LOUVER	0.30	0.25	PVDF	--	--	
L32	3	ALUMINIUM ALLOY LOUVER	3.40	1.90	PVDF	--	--	
L33	5	ALUMINIUM ALLOY LOUVER	1.08	0.70	PVDF	--	--	2.38
L66	1	ALUMINIUM ALLOY LOUVER	0.60	0.40	PVDF	--	--	
W02	2	ALUMINIUM ALLOY 1 FIXED LEAF WINDOW	1.60	1.16	ELECTROSTATIC POWDER COATING	NO	ONE	1.00
W03	1	ALUMINIUM ALLOY 1 FIXED LEAF WINDOW	2.00	1.16	ELECTROSTATIC POWDER COATING	NO	ONE	1.00
W05	1	ALUMINIUM ALLOY 1 FIXED LEAF WINDOW FR-2h	3.50	1.16	ELECTROSTATIC POWDER COATING	NO	ONE	1.00
W07	20	ALUMINUM ALLOY 1 FIXED LEAF WINDOW	1.05	1.00	ELECTROSTATIC POWDER COATING	NO	ONE	1.61
W08	22	ALUMINUM ALLOY 1 FIXED LEAF WINDOW	1.05	2.00	ELECTROSTATIC POWDER COATING	NO	ONE	0.61
W10	8	PASS-THRU TRAY	1.60	1.20	ELECTROSTATIC POWDER COATING	NO	ONE	0.95

* PVDF = FACTORY APPLIED POLYVINYL DI-FLUORINE LIQUID THERMALLY-CURED SYSTEM.

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* **ALL GRILLES INCLUDED IN FR DOORS SHALL BE INTUMESCENT VENT GRILLES.**
* **ALL SPECIAL DOORS (E.G. SHUTTERS, AND FOLDING, ROLLER AND STREET ACCESS DOORS) SHALL BE AS SUPPLIED BY THE MANUFACTURER.**
* **SEE GENERAL DETAIL DRAWINGS FOR FURTHER INFORMATION.**

(*) AS PER SUPPLIER SPECIFICATIONS AND CLIENT SELECTION

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL


DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
DOORS AND WINDOWS SCHEDULE
CLOSED STATION PROTOTYPE 3.WINDOW & LOUVERS, DETAILS AND CARPENTRY SCHEDULE

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85083	A



1 GROUND LEVEL. PLAN
SCALE 1 : 50



2 LONGITUDINAL SECTION
SCALE 1 : 50

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
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KEY PLAN :

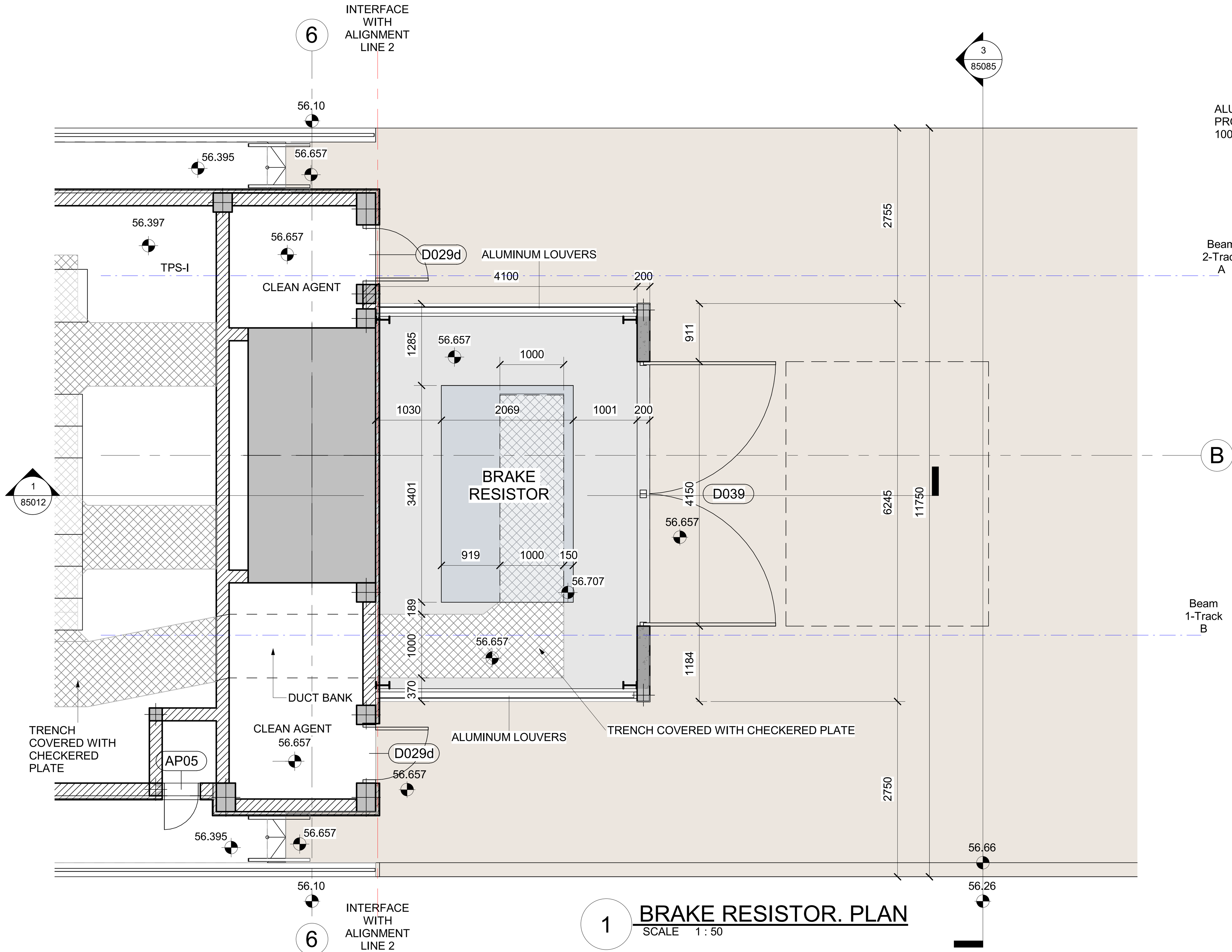
ORIGINAL FORMAT : A1
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SCALE : As indicated
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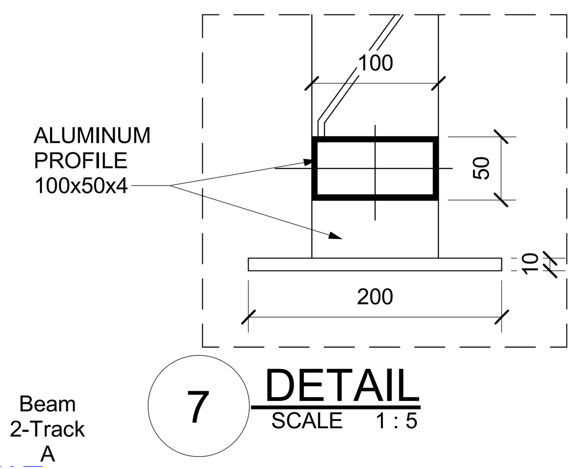
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.FENCING DETAILS

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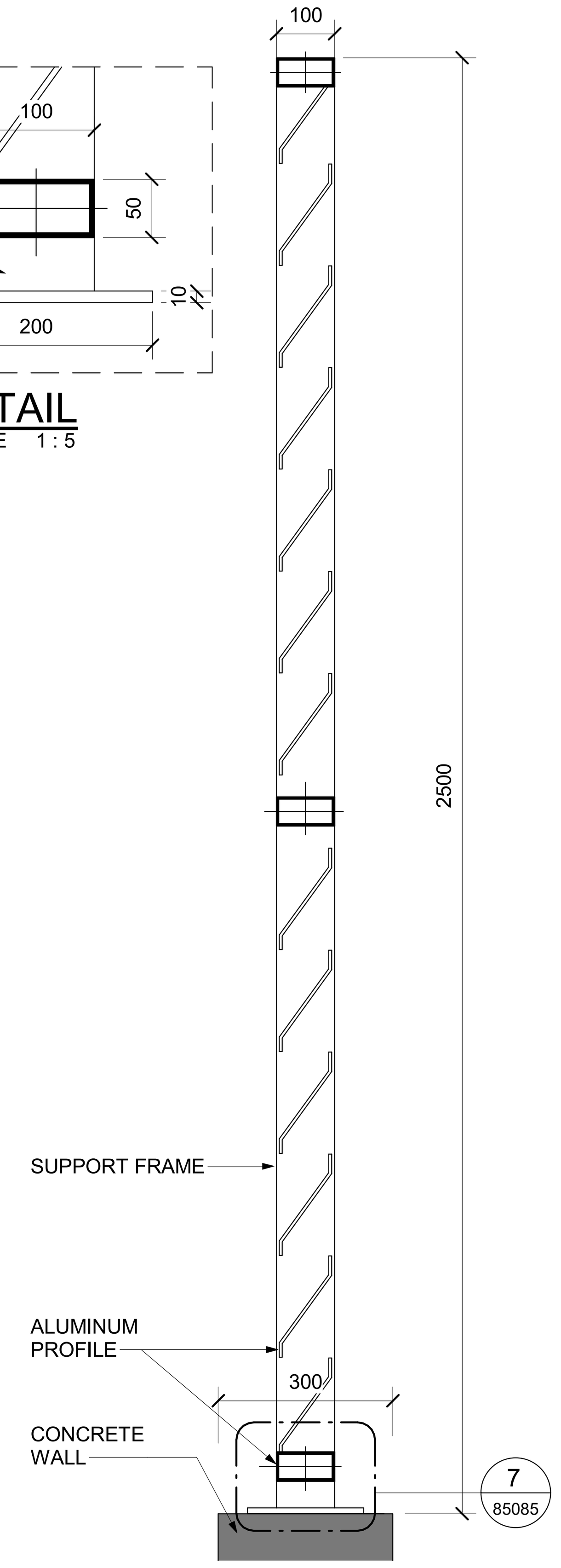
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93M	0410	SEN	000PW	END	85084	A



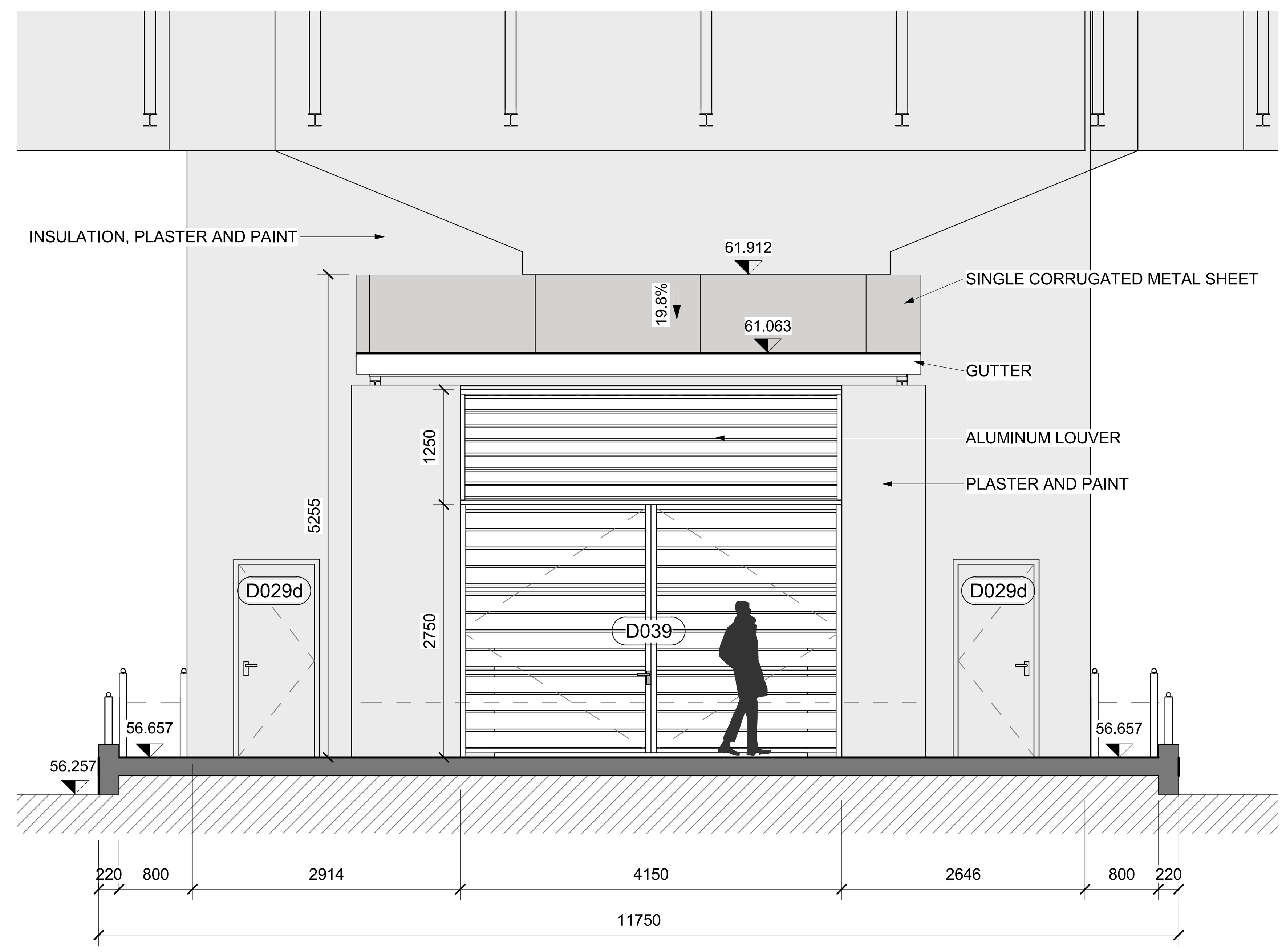
1 BRAKE RESISTOR. PLAN
SCALE 1 : 50



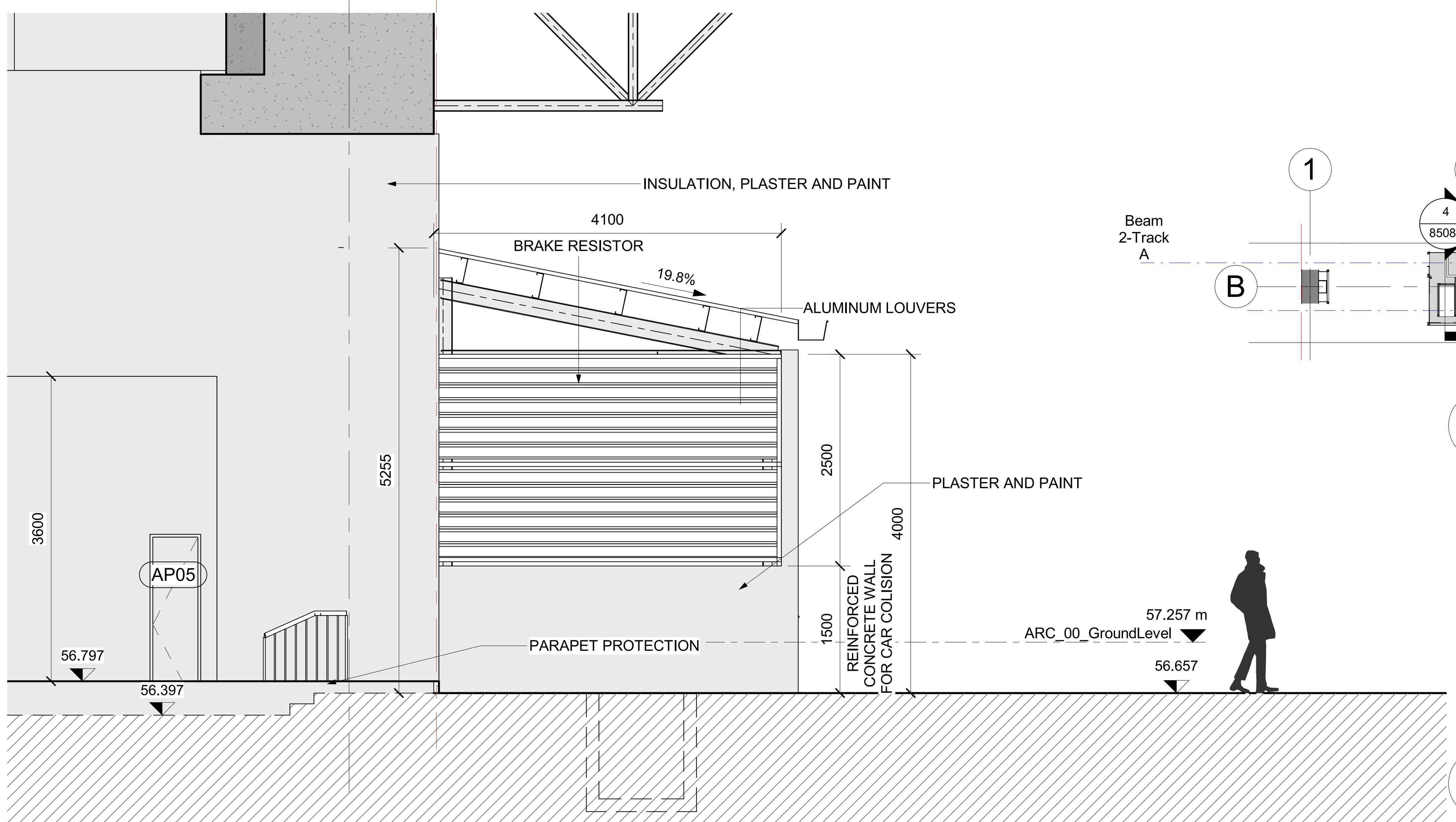
7 DETAIL
SCALE 1 : 5



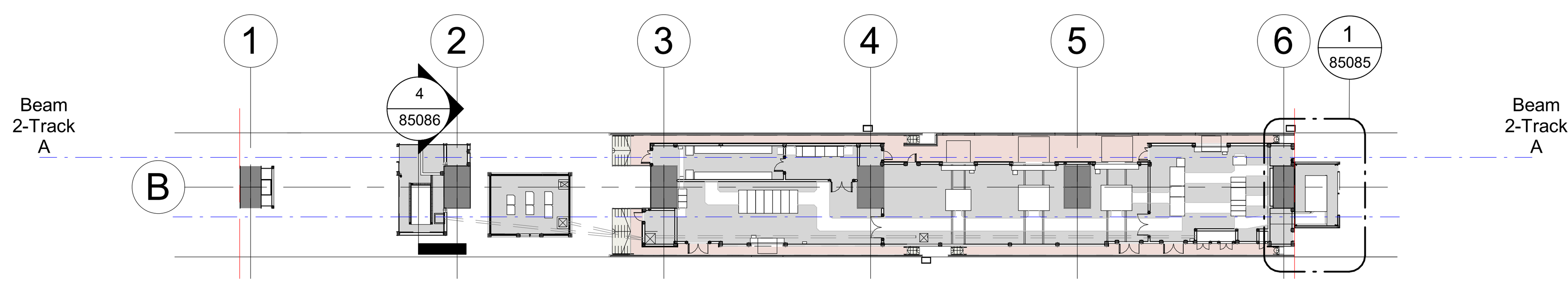
6 LOUVER FENCE
SCALE 1 : 10



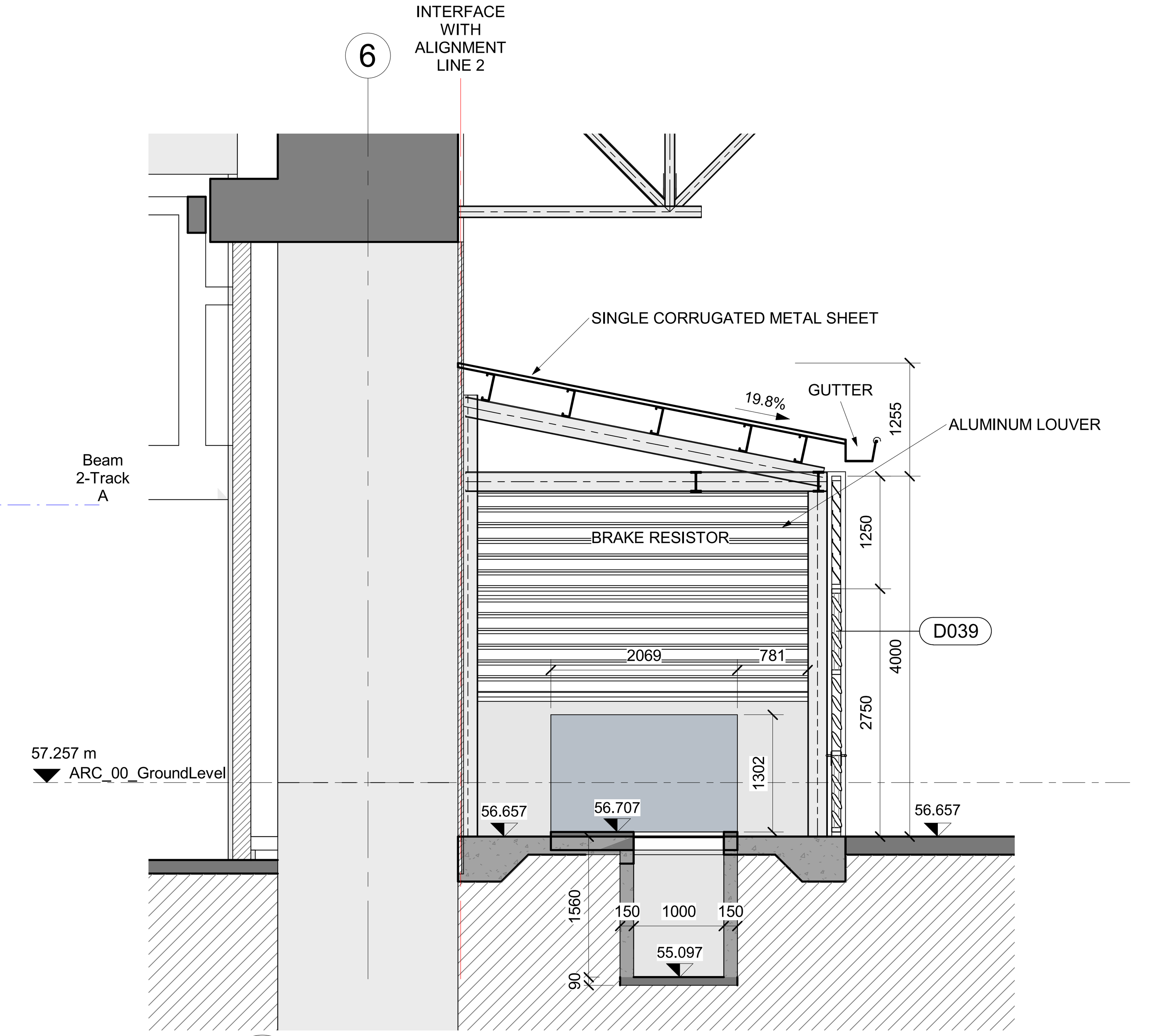
3 BRAKE RESISTOR. CROSS SECTION
SCALE 1 : 50



2 BREAK RESISTOR. ELEVATION
SCALE 1 : 50



5 KEY PLAN
SCALE 1 : 500



4 LONGITUDINAL SECTION
SCALE 1 : 50

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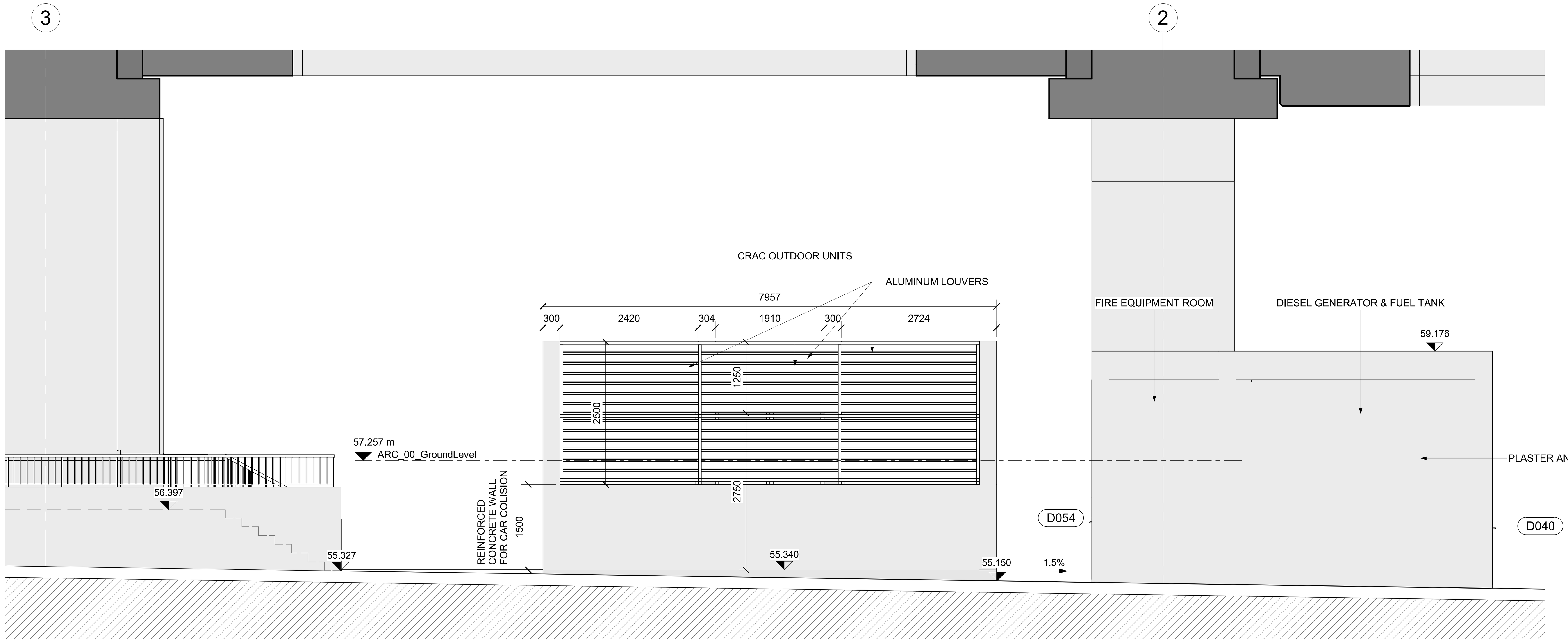
ORIGINAL FORMAT : A1
DATE : 2023/06/09
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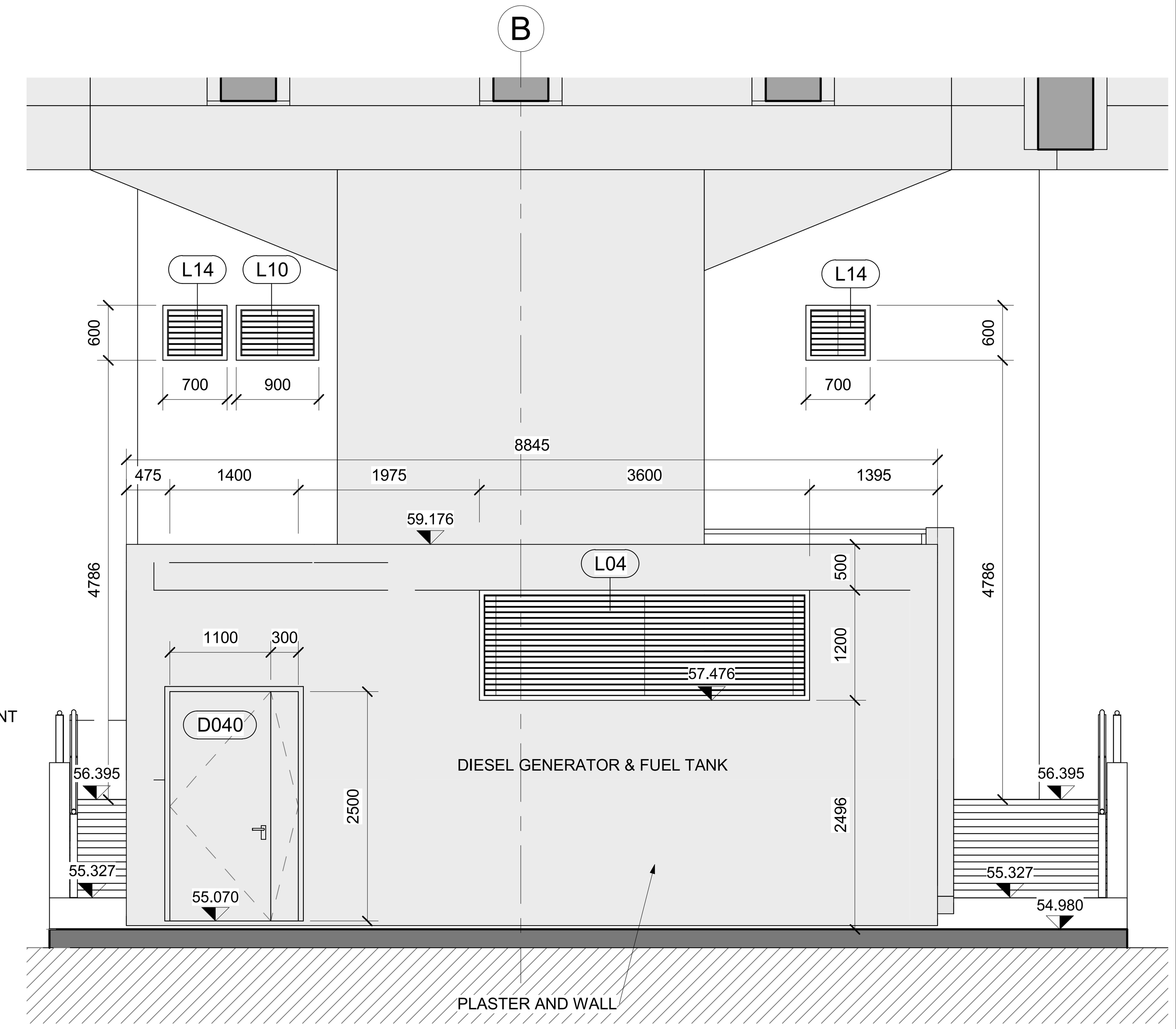
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.FENCING DETAILS

Page: 1 of 1

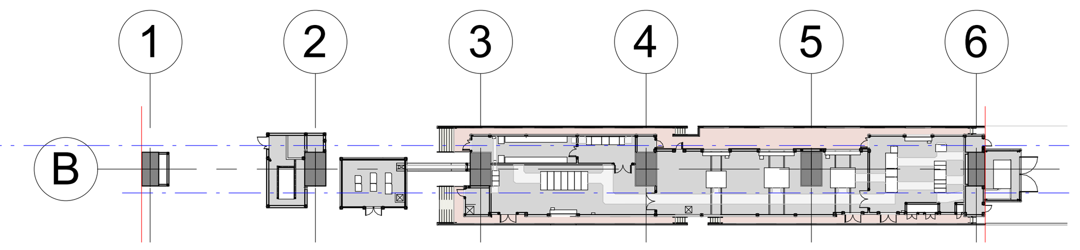
Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85085	A



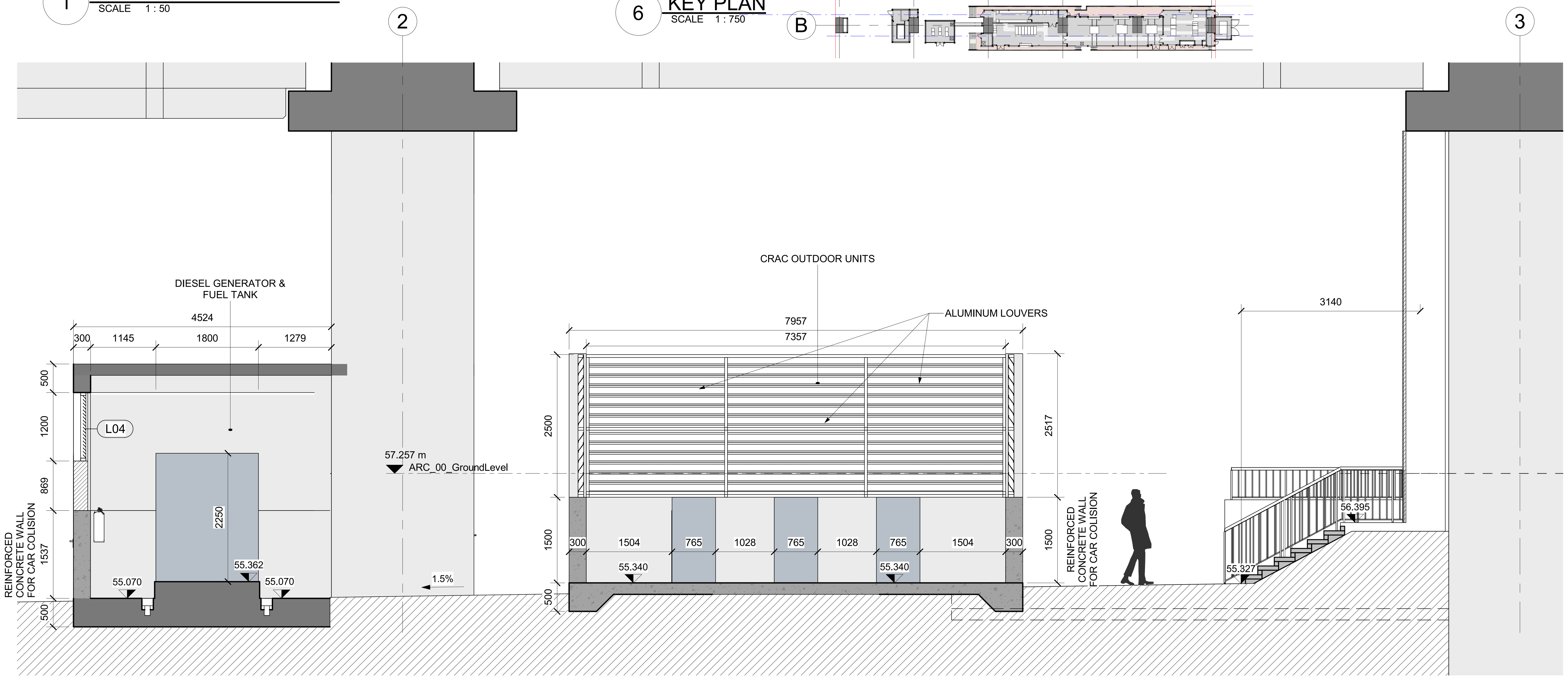
1 LONGITUDINAL SECTION
SCALE 1 : 50



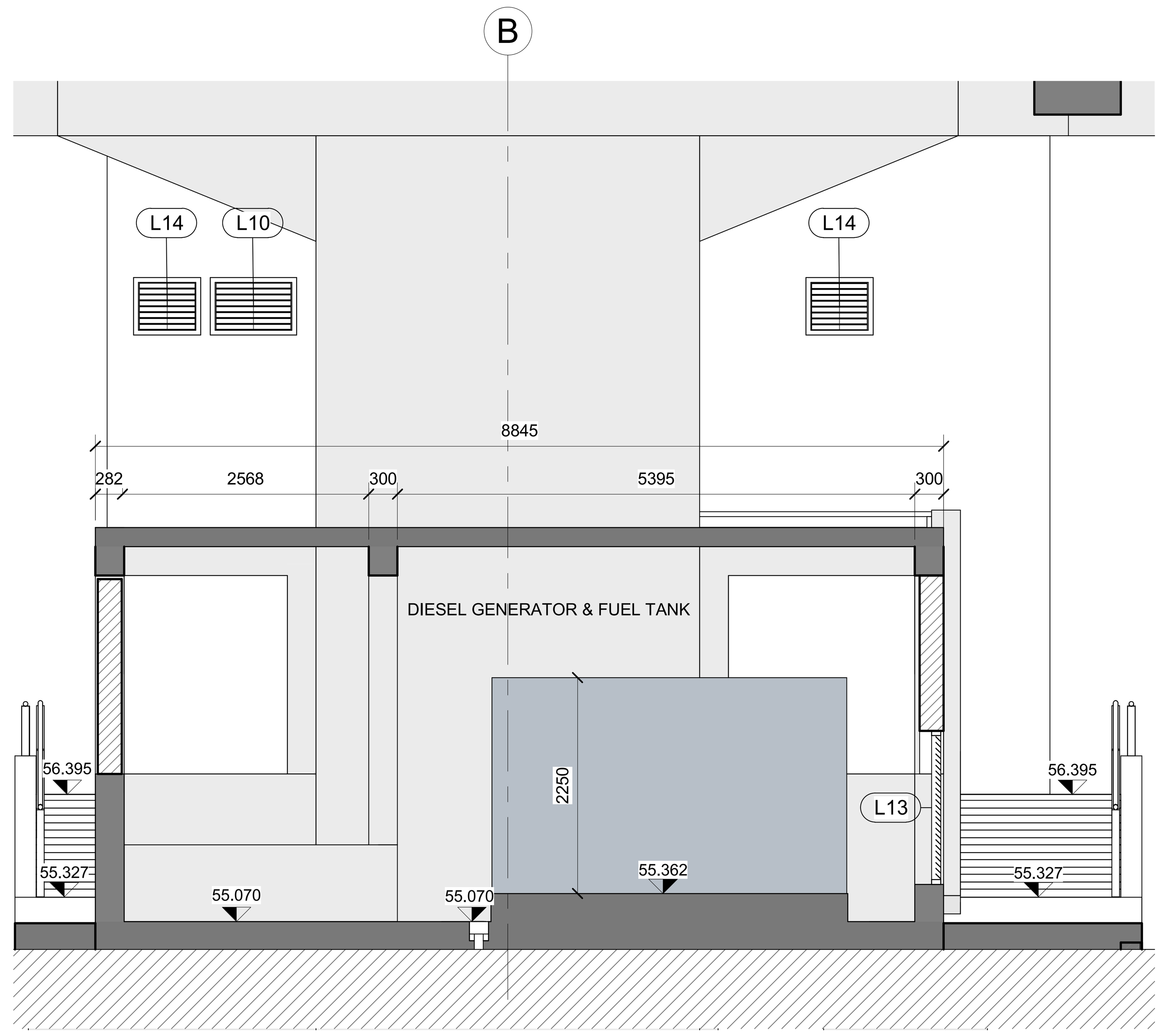
3 DIESEL GENERATOR CROSS SECTION
SCALE 1 : 50



6 KEY PLAN
SCALE 1 : 750



2 LONGITUDINAL SECTION
SCALE 1 : 50



4 DIESEL GENERATOR CROSS SECTION
SCALE 1 : 50

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DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.FENCING DETAILS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85086	A

DOOR SCHEDULE

ROOM	ROOM NUMBER	DOOR	TYPE	QUANTITY	DESCRIPTION	WIDTH (m)	HEIGHT (m)	FIRE RATING	WALL OPENING WIDTH (m)	WALL OPENING HEIGHT (m)	FRAME DIMENSION	DOOR GRILL	GRILL WIDTH (m)	GRILL HEIGHT (m)	DOOR MATERIAL	IDENTIFICATION PLATE	DOOR LOCK-CARD READER	DOOR FINISH	HARDWARE SET	REMARKS
PS&D BATTERY ROOM	028	D042c	D78◊	1	DOUBLE METAL DOOR FR45min WITH PANIC HARDWARE	1.200	2.100	45	1.310	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TD15-RXE	DOOR CONTACT
CLEAN AGENT	029a	D029a	D03◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	45	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	
CLEAN AGENT	029b	D029b	D03◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	45	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	
CLEAN AGENT	029c	D029d	D03◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	45	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	
CLEAN AGENT	029d	D029d	D03◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	45	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	
TR	034	D034a	D03x*◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	45	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TS13-RXE	DOOR CONTACT
TR	034	D034b	D43	1	DOUBLE LEAF METAL DOOR FR90min	2.000	2.700	90	2.110	2.755	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD12-F01	
TR	034	D034c	D47´x*◊	1	DOUBLE LEAF METAL DOOR FR45min WITH PANIC HARDWARE	1.900	2.700	45	2.010	2.755	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TD15-RXE	DOOR CONTACT
UPS BPC	035	D035b	D43*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	2.000	2.700	90	2.110	2.755	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9*-F01	
UPS BPC	035	D042c	D78x´	1	DOUBLE METAL DOOR FR90min WITH PANIC HARDWARE	1.200	2.100	90	1.310	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9*-F01	DOOR CONTACT
BRAKE RESISTOR	039	D039	F27	1	LOUVER METAL DOUBLE DOOR	4.150	2.750	NFR	4.150	2.750	--	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD19-F01	DOOR CONTACT
DIESEL GENERATOR & FUEL TANK	040	D040	D77◊	1	DOUBLE METAL DOOR FR90min	1.400	2.500	90	1.510	2.555	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TD12-RXE	DOOR CONTACT
TPS-I	042	D042a	D43	1	DOUBLE LEAF METAL DOOR FR90min	2.000	2.700	90	2.110	2.755	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD12-F01	
TPS-I	042	D042b	D47´x*◊	1	DOUBLE LEAF METAL DOOR FR45min WITH PANIC HARDWARE	1.900	2.700	45	2.010	2.755	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TD15-RXE	DOOR CONTACT
TPS-I	042	D042c	D78◊	1	DOUBLE METAL DOOR FR45min WITH PANIC HARDWARE	1.200	2.100	45	1.310	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TD15-RXE	DOOR CONTACT
TPS-II	043	D043	D47´x*◊	1	DOUBLE LEAF METAL DOOR FR45min WITH PANIC HARDWARE	1.900	2.700	45	2.010	2.755	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TD15-RXE	
CRAC OUTDOOR UNITS	052	D052	F26	1	LOUVER METAL DOUBLE DOOR	1.910	2.750	NFR	1.910	2.750	--	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD19-F01	DOOR CONTACT
FIRE EQUIPMENT ROOM	054	D054	D04x	1	SINGLE LEAF METAL DOOR	0.825	2.100	90	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TS9-F07	DOOR CONTACT
PLATFORM	200	D200a	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	DOOR CONTACT
PLATFORM	200	D200b	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	DOOR CONTACT
PLATFORM	201	D201a	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	DOOR CONTACT
PLATFORM	201	D201b	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	DOOR CONTACT
JANITOR ROOM	223a	D223a	D02b	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	YES	0.60	0.20	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
JANITOR ROOM	223b	D223b	D02b	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	YES	0.60	0.20	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
COM ROOM	241a	D241b	D33◊	1	DOUBLE LEAF METAL DOOR	1.600	2.100	NFR	1.710	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TD16-RXE	DOOR CONTACT
COM ROOM	241b	D241a	D33◊	1	DOUBLE LEAF METAL DOOR	1.600	2.100	NFR	1.710	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TD16-RXE	DOOR CONTACT
MEP ROOF	350a	D350a	D07	1	SINGLE LEAF METAL DOOR	0.825	1.400	NFR	0.935	1.455	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F01	
MEP ROOF	350b	D350b	D07	1	SINGLE LEAF METAL DOOR	0.825	1.400	NFR	0.935	1.455	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F01	

Grand total: 28

*WALL OPENING=DOOR LEAF+FRAME+10mm CLEARANCE
*ALL DOORS IN ROOMS WITH CLEAN AGENT SHOULD HAVE AN EFFECTIVE SEALING AS SWEEPS OR DROP SEALS ON THE BOTTOMS AND WEATHER STIPPING AROUND THE JAMBS. IN ADDITION, DOUBLE DOORS SHOULD HAVE A WEATHER STRIPPED ASTRAGAL TO PREVENT LEAKAGE BETWEEN DOORS.

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*** ALL INTERIOR WINDOWS AND PARTITIONS WILL HAVE CLEAR TEMPERED GLASS 6mm.**
*** ALL EXTERIOR WINDOWS AND EXTERNAL GLASS PARTITIONS WILL HAVE DOUBLE CLEAR TEMPERED GLASS 4+12+6mm.**
*** ALL GRILLES INCLUDED IN EXTERIOR DOORS SHOULD BE EQUIPPED WITH A SAND TRAP.**
*** ALL GRILLES INCLUDED IN FR DOORS SHALL BE INTUMESCENT VENT GRILLES.**
*** ALL SPECIAL DOORS (E.G. SHUTTERS, AND FOLDING, ROLLER AND STREET ACCESS DOORS) SHALL BE AS SUPPLIED BY THE MANUFACTURER.**
*** SEE GENERAL DETAIL DRAWINGS FOR FURTHER INFORMATION.**

(*) AS PER SUPPLIER SPECIFICATIONS AND CLIENT SELECTION
*HARDWARE SET FOR FIRE RATED DOORS SHALL BE U/L CERTIFIED OR EQUIVALENT LABELLED

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ARCHITECTURE
DOORS AND WINDOWS SCHEDULE
CLOSED STATION PROTOTYPE 3.DOOR SCHEDULE 1

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85090	A

DOOR SCHEDULE

ROOM	ROOM NUMBER	DOOR	TYPE	QUANTITY	DESCRIPTION	WIDTH (m)	HEIGHT (m)	FIRE RATING	WALL OPENING WIDTH (m)	WALL OPENING HEIGHT (m)	FRAME DIMENSION	DOOR GRILL	GRILL WIDTH (m)	GRILL HEIGHT (m)	DOOR MATERIAL	IDENTIFICATION PLATE	DOOR LOCK-CARD READER	DOOR FINISH	HARDWARE SET	REMARKS
PUBLIC AREA	100a	D100aa	D99	1	DOUBLE SWING METAL DOOR	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD13-F01	PROVIDED WITH RETAINER. DOOR CONTACT
PUBLIC AREA	100a	D100ab	D99	1	DOUBLE SWING METAL DOOR	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD13-F01	PROVIDED WITH RETAINER. DOOR CONTACT
PUBLIC AREA	100a	D100ac	D99	1	DOUBLE SWING METAL DOOR	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD13-F01	PROVIDED WITH RETAINER. DOOR CONTACT
PUBLIC AREA	100a	D100ad	D99	1	DOUBLE SWING METAL DOOR	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD13-F01	PROVIDED WITH RETAINER. DOOR CONTACT
PUBLIC AREA	100b	D100ba	D99	1	DOUBLE SWING METAL DOOR	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD13-F01	PROVIDED WITH RETAINER. DOOR CONTACT
PUBLIC AREA	100b	D100bb	D99	1	DOUBLE SWING METAL DOOR	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD13-F01	PROVIDED WITH RETAINER. DOOR CONTACT
PUBLIC AREA	100b	D100bc	D99	1	DOUBLE SWING METAL DOOR	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD13-F01	PROVIDED WITH RETAINER. DOOR CONTACT
PUBLIC AREA	100b	D100bd	D99	1	DOUBLE SWING METAL DOOR	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD13-F01	PROVIDED WITH RETAINER. DOOR CONTACT
CIVIL DEFENCE	104	D104	D02	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
WATER PUMPS	105	D105a	D04x	1	SINGLE LEAF METAL DOOR	0.825	2.100	90	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TS9-F07	DOOR CONTACT
WATER PUMPS	105	D105b	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	
SAFE	107a	D107a	D03a◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	45	0.935	2.155	50mm	YES	0.70	0.65	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	
SAFE (MPT)	107b	D107b	D03a◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	45	0.935	2.155	50mm	YES	0.70	0.65	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	DOOR CONTACT
TOM	108a	D108a	D02◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS14-RXE	
TOM	108b	D108b	D02◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS14-RXE	
FIRST AID ROOM	109	D109	D06	1	SINGLE LEAF METAL DOOR	0.925	2.100	NFR	1.035	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
BMS	110	D110	D09◊	1	SINGLE LEAF METAL DOOR	0.925	2.100	90	1.035	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS13-RXE	
ELECT. CLOSET	112a	D112a	D34a	1	DOUBLE LEAF METAL DOOR FR45min WITH GRILLES 650x400	1.600	2.100	45	1.710	2.155	50mm	YES	0.65	0.40	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD12-F07	
ELECT. CLOSET	112b	D112b	D12a	1	SINGLE LEAF METAL DOOR	0.925	2.100	45	1.035	2.155	50mm	YES	0.65	0.3	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS9-F07	
ELECT. CLOSET	112c	D112c	D12a	1	SINGLE LEAF METAL DOOR	0.925	2.100	45	1.035	2.155	50mm	YES	0.65	0.3	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS9-F07	
POLICE OFFICER	113a	D113a	D02	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
POLICE OFFICER	113b	D113b	D02	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
POLICE STAFF	114	D114	D33	1	DOUBLE LEAF METAL DOOR	1.600	2.100	NFR	1.710	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD3-F01	
ITS ROOM	115	D115	D02◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS14-RXE	
SMO	116	D116	D04◊*	1	SINGLE LEAF METAL DOOR WITH PANIC HARDWARE	0.825	2.100	90	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS13-RXE	
EMERGENCY WALKWAY	117a	D117aa	D36x*	1	DOUBLE LEAF METAL DOOR WITH PANIC HARDWARE	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD5-F07	DOOR CONTACT
EMERGENCY WALKWAY	117a	D117ab	D36x*	1	DOUBLE LEAF METAL DOOR WITH PANIC HARDWARE	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD5-F07	DOOR CONTACT
EMERGENCY WALKWAY	117a	D117ac	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	DOOR CONTACT
EMERGENCY WALKWAY	117a	D117ad	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	DOOR CONTACT
EMERGENCY WALKWAY	117b	D131a	D04x*	1	SINGLE LEAF METAL DOOR	0.825	2.100	90	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TS8-F07	DOOR CONTACT
EMERGENCY WALKWAY	117b	D117ba	D36x*	1	DOUBLE LEAF METAL DOOR WITH PANIC HARDWARE	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD5-F07	DOOR CONTACT
EMERGENCY WALKWAY	117b	D117bb	D36x*	1	DOUBLE LEAF METAL DOOR WITH PANIC HARDWARE	1.800	2.100	NFR	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD5-F07	DOOR CONTACT
EMERGENCY WALKWAY	117b	D117bc	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	DOOR CONTACT
EMERGENCY WALKWAY	117b	D117bd	D38x*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	1.800	2.100	90	1.910	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TD9-F07	DOOR CONTACT
COM ROOM	118a	D118a	D95◊	1	DOUBLE METAL DOOR FR45min	1.400	2.500	45	1.510	2.555	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TD12-RXE	
COM ROOM	118b	D118b	D34◊	1	DOUBLE LEAF METAL DOOR FR45min	1.600	2.100	45	1.710	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TD14-RXE	
MALE WC	120	D120a	D02a	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	YES	0.65	0.30	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
MALE WC	120	D120b	D28	1	SINGLE LEAF METAL DOOR WITH UNDERCUT	0.825	2.050	NFR	0.935	2.155	50mm	NO	--	--	HPL	NO	NO	HIGH PRESSURE LAMINATE PANELS	--	
MALE WC	120	D120c	D28	1	SINGLE LEAF METAL DOOR WITH UNDERCUT	0.825	2.050	NFR	0.935	2.155	50mm	NO	--	--	HPL	NO	NO	HIGH PRESSURE LAMINATE PANELS	--	
PRM WC	121	D121	D06b	1	SINGLE LEAF METAL DOOR	0.925	2.100	NFR	1.035	2.155	50mm	YES	0.60	0.20	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F19	
FEMALE WC	122	D122a	D02a	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	YES	0.65	0.30	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
FEMALE WC	122	D122b	D28	1	SINGLE LEAF METAL DOOR WITH UNDERCUT	0.825	2.050	NFR	0.935	2.155	50mm	NO	--	--	HPL	NO	NO	HIGH PRESSURE LAMINATE PANELS	--	
FEMALE WC	122	D122c	D28	1	SINGLE LEAF METAL DOOR WITH UNDERCUT	0.825	2.050	NFR	0.935	2.155	50mm	NO	--	--	HPL	NO	NO	HIGH PRESSURE LAMINATE PANELS	--	
JANITOR ROOM	123	D123	D02b	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	YES	0.60	0.20	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
STAFF WC	124	D120a	D02a	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	YES	0.65	0.30	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
STAFF WC	124	D124b	D28	1	SINGLE LEAF METAL DOOR WITH UNDERCUT	0.825	2.050	NFR	0.935	2.155	50mm	NO	--	--	HPL	NO	NO	HIGH PRESSURE LAMINATE PANELS	--	
STAFF WC	124	D124c	D28	1	SINGLE LEAF METAL DOOR WITH UNDERCUT	0.825	2.050	NFR	0.935	2.155	50mm	NO	--	--	HPL	NO	NO	HIGH PRESSURE LAMINATE PANELS	--	
MAINTENANCE ROOM	125a	D125a	D01	1	SINGLE LEAF METAL DOOR	0.625	2.100	90	0.735	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TS9-F04	
MAINTENANCE ROOM	125b	D125b	D01	1	SINGLE LEAF METAL DOOR	0.625	2.100	90	0.735	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TS9-F04	
LV PANEL	126	D126	D77x*◊	1	DOUBLE METAL DOOR FR90min WITH PANIC HARDWARE	1.400	2.500	90	1.510	2.555	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TD15-RXE	DOOR CONTACT
CORRIDOR	127	D127	D77a	1	DOUBLE METAL DOOR FR90min WITH GRILLES 700x650	1.400	2.500	90	1.510	2.555	50mm	YES	0.70	0.65	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TD12-F07	
CLEAN AGENT	129a	D129a	D09a◊	1	SINGLE LEAF METAL DOOR	0.925	2.100	90	1.035	2.155	50mm	YES	0.65	0.30	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	
CLEAN AGENT	129b	D129b	D04◊	1	SINGLE LEAF METAL DOOR	0.825	2.100	90	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	
CLEAN AGENT	129c	D129c	D09a◊	1	SINGLE LEAF METAL DOOR	0.925	2.100	90	1.035	2.155	50mm	YES	0.65	0.30	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TS12-RXE	
CRAH ROOM (HVAC)	130	D130	D77◊	1	DOUBLE METAL DOOR FR90min	1.400	2.500	90	1.510	2.555	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TD12-RXE	
EER	131	D131b	D41◊*	1	DOUBLE LEAF METAL DOOR FR90min WITH PANIC HARDWARE	2.000	2.500	90	2.110	2.555	50mm	NO	--	--	GALVANISED STEEL	NO	YES	ACRYLIC POLYURETHANE FINISH COAT	TD15-RXE	DOOR CONTACT
UPS CBS	136	D136	D77x*◊	1	DOUBLE METAL DOOR FR90min WITH PANIC HARDWARE	1.400	2.500	90	1.510	2.555	50mm	NO	--	--	GALVANISED STEEL	YES	YES	ACRYLIC POLYURETHANE FINISH COAT	TD15-RXE	DOOR CONTACT
STORAGE	146	D146	D04x	1	SINGLE LEAF METAL DOOR	0.825	2.100	90	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	NO	NO	ACRYLIC POLYURETHANE FINISH COAT	TS9-F07	DOOR CONTACT
CORRIDOR	148a	D148a	D02	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	
CORRIDOR	148b	D148b	D02	1	SINGLE LEAF METAL DOOR	0.825	2.100	NFR	0.935	2.155	50mm	NO	--	--	GALVANISED STEEL	YES	NO	ACRYLIC POLYURETHANE FINISH COAT	TS3-F04	

Grand total: 60

*WALL OPENING=DOOR LEAF+FRAME+10mm CLEARANCE
*ALL DOORS IN ROOMS WITH CLEAN AGENT SHOULD HAVE AN EFFECTIVE SEALING AS SWEEPS OR DROP SEALS ON THE BOTTOMS AND WEATHER STIPPING AROUND THE JAMBS. IN ADDITION, DOUBLE DOORS SHOULD HAVE A WEATHER STRIPPED ASTRAGAL TO PREVENT LEAKAGE BETWEEN DOORS.

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.
*** ALL INTERIOR WINDOWS AND PARTITIONS WILL HAVE CLEAR TEMPERED GLASS 6mm.**
*** ALL EXTERIOR WINDOWS AND EXTERNAL GLASS PARTITIONS WILL HAVE DOUBLE CLEAR TEMPERED GLASS 4+12+6mm.**
*** ALL GRILLES INCLUDED IN EXTERIOR DOORS SHOULD BE EQUIPPED WITH A SAND TRAP.**
*** ALL GRILLES INCLUDED IN FR DOORS SHALL BE INTUMESCENT VENT GRILLES.**
*** ALL SPECIAL DOORS (E.G. SHUTTERS, AND FOLDING, ROLLER AND STREET ACCESS DOORS) SHALL BE AS SUPPLIED BY THE MANUFACTURER.**
*** SEE GENERAL DETAIL DRAWINGS FOR FURTHER INFORMATION.**

(*) AS PER SUPPLIER SPECIFICATIONS AND CLIENT SELECTION
*HARDWARE SET FOR FIRE RATED DOORS SHALL BE U/L CERTIFIED OR EQUIVALENT LABELLED

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority

Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

ORIGINAL FORMAT : A1
SCALE :
DATE : 2023/06/09
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
DOORS AND WINDOWS SCHEDULE
CLOSED STATION PROTOTYPE 3.DOOR SCHEDULE 2

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85091	A

HARDWARE SET FOR DOUBLE DOORS

NON FIRE RATED DOOR - NO ACCESS CONTROL - EVACUATION - TWO DOOR LEAF TO EVACUATE

HARDWARE SET		
TD5	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS***	1	1
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	--	--
PUSH BAR	1	2
DOOR COORDINATOR	1	1
LEVER HANDLE *	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	2

FIRE RATED DOOR - NO ACCESS CONTROL - EVACUATION - TWO DOOR LEAF TO EVACUATE

HARDWARE SET		
TD9	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS***	1	1
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	1	2
DOOR COORDINATOR	1	1
LEVER HANDLE *	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	2

FIRE RATED DOOR - NO ACCESS CONTROL - EVACUATION - ONE DOOR FIXED

HARDWARE SET		
TD9*	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS***	1	1
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	1	1
DOOR COORDINATOR	1	1
LEVER HANDLE *	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	2

HARDWARE SET FOR ACCESS PANELS

FIRE RATED DOOR - NO ACCESS CONTROL

HARDWARE SET		
TD18	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUAN...
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS ***	1	2
FLOOR CATCH STOP	--	--
PUSH PLATE	--	--
KICK PLATE	--	--
SMOKE SEAL	COLOR TO...	SET
PUSH BAR	--	--
DOOR COORDINATOR	--	--
LEVER HANDLE *	--	--
PULL HANDLE / RIGID LEVER HANDLE*	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	--	--

NON FIRE RATED DOOR - NO ACCESS CONTROL

HARDWARE SET		
TD17	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTI...
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS ***	1	2
FLOOR CATCH STOP	--	--
PUSH PLATE	--	--
KICK PLATE	--	--
SMOKE SEAL	--	--
PUSH BAR	--	--
DOOR COORDINATOR	--	--
LEVER HANDLE *	--	--
PULL HANDLE / RIGID LEVER HANDLE*	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	--	--

HARDWARE SET FOR LOUVERED DOOR

NON FIRE RATED DOOR - NO ACCESS CONTROL

HARDWARE SET		
TD19	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTI...
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS ***	1	2
FLOOR CATCH STOP	1	2
PUSH PLATE	--	--
KICK PLATE	--	--
SMOKE SEAL	--	--
PUSH BAR	--	--
DOOR COORDINATOR	--	--
LEVER HANDLE *	--	--
PULL HANDLE / RIGID LEVER...	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	--	--

FIRE RATED DOOR - NO ACCESS CONTROL - NO EVACUATION - ONE DOOR FIXED

HARDWARE SET		
TD12	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS***	1	1
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	--	--
DOOR COORDINATOR	1	1
LEVER HANDLE *	1	PAIR
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	2

NON FIRE RATED DOOR - NO ACCESS CONTROL - NO EVACUATION - ONE DOOR FIXED

HARDWARE SET		
TD3	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS***	1	1
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	--	--
PUSH BAR	--	--
DOOR COORDINATOR	1	1
LEVER HANDLE*	1	PAIR
DOOR KEY LOCK**	1	1
SELF CLOSING DEVICE	1	1

ENTRANCE DOORS

HARDWARE SET		
TD13	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS ***	1	2
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	-	-
PUSH BAR	-	-
DOOR COORDINATOR	-	-
LEVER HANDLE *	-	-
PULL HANDLE / RIGID LEVER HANDLE *	2	4
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	2

FIRE RATED DOOR - ACCESS CONTROL - NO EVACUATION - ONE DOOR FIXED

HARDWARE SET		
TD14	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS ***	1	1
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	-	-
DOOR COORDINATOR	1	1
LEVER HANDLE *	1	1
PULL HANDLE / RIGID LEVER HANDLE*	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	2

FIRE RATED DOOR - ACCESS CONTROL - EVACUATION - ONE DOOR FIXED

HARDWARE SET		
TD15	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANT...
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS ***	1	1
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	1	1
DOOR COORDINATOR	1	1
LEVER HANDLE *	-	-
PULL HANDLE / RIGID LEVER HANDLE *	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	2

NON FIRE RATED DOOR - ACCESS CONTROL - NO EVACUATION - ONE DOOR FIXED

HARDWARE SET		
TD16	DOUBLE DOORS	
FOR EVERY PAIR OF DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	2
TOP & BOTTOM BOLTS ***	1	2
FLOOR CATCH STOP	1	2
PUSH PLATE	1	4
KICK PLATE	1	4
SMOKE SEAL	-	-
PUSH BAR	-	-
DOOR COORDINATOR	1	1
LEVER HANDLE *	1	1
PULL HANDLE / RIGID LEVER...	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	2

HARDWARE SET FOR SINGLE DOORS

NON FIRE RATED DOOR - NO ACCESS CONTROL - NO EVACUATION

HARDWARE SET		
TS3	SINGLE DOORS	
FOR EVERY DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	1
FLOOR CATCH STOP	1	1
PUSH PLATE	1	2
KICK PLATE	1	2
SMOKE SEAL	--	--
PUSH BAR	--	--
LEVER HANDLE *	1	PAIR
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	1

NON FIRE RATED DOOR - NO ACCESS CONTROL - EVACUATION

HARDWARE SET		
TS5	SINGLE DOORS	
FOR EVERY DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	1
FLOOR CATCH STOP	1	1
PUSH PLATE	1	2
KICK PLATE	1	2
SMOKE SEAL	--	--
PUSH BAR*	1	1
LEVER HANDLE*	1	1
DOOR KEY LOCK**	1	1
SELF CLOSING DEVICE	1	1

FIRE RATED DOOR - NO ACCESS CONTROL - EVACUATION

HARDWARE SET		
TS8	SINGLE DOORS	
FOR EVERY DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	1
FLOOR CATCH STOP	1	1
PUSH PLATE	1	2
KICK PLATE	1	2
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	1	1
LEVER HANDLE *	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	1

FIRE RATED DOOR - NO ACCESS CONTROL - NO EVACUATION

HARDWARE SET		
TS9	SINGLE DOORS	
FOR EVERY DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	1
FLOOR CATCH STOP	1	1
PUSH PLATE	1	2
KICK PLATE	1	2
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	--	--
LEVER HANDLE *	1	2
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	1

FIRE RATED DOOR - ACCESS CONTROL - NO EVACUATION

HARDWARE SET		
TS12	SINGLE DOORS	
FOR EVERY DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	1
FLOOR CATCH STOP	1	1
PUSH PLATE	1	2
KICK PLATE	1	2
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	--	--
LEVER HANDLE *	1	1
PULL HANDLE *	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	1

FIRE RATED DOOR - ACCESS CONTROL - EVACUATION

HARDWARE SET		
TS13	SINGLE DOORS	
FOR EVERY DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	1
FLOOR CATCH STOP	1	1
PUSH PLATE	1	2
KICK PLATE	1	2
SMOKE SEAL	COLOR TO MATCH FRAME FINISH	SET
PUSH BAR	1	1
LEVER HANDLE *	--	--
PULL HANDLE / RIGID LEVER HANDLE *	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	1

NON FIRE RATED DOOR - ACCESS CONTROL - NO EVACUATION

HARDWARE SET		
TS14	SINGLE DOORS	
FOR EVERY DOOR TO HAVE:		
ITEM	UNIT	QUANTITY
PAIR OF HINGES	1 1/2	1
FLOOR CATCH STOP	1	1
PUSH PLATE	1	2
KICK PLATE	1	2
SMOKE SEAL	--	--
PUSH BAR	--	--
LEVER HANDLE *	1	1
PULL HANDLE / RIGID LEVER HANDLE*	1	1
DOOR KEY LOCK **	1	1
SELF CLOSING DEVICE	1	1

REFER TO THE ACCESS CONTROL DRAWINGS FOR FURTHER DETAILS AND INFORMATION:
93M-0600-SHK-000PW-DDG-31102;
93M-0600-SHK-000PW-DDG-31103;
93M-0600-SHK-000PW-DDG-31104

MORTISE LOCKSET	
F01	LATCH BOLT OPERATED BY TRIM EITHER SIDE.
F04	LATCH BOLT OPERATED BY TRIM EITHER SIDE, EXCEPT WHEN OUTSIDE TRIM LOCKED BY INSIDE TURN.
F07	LATCH BOLT RETRACTED BY KEY OUTSIDE OR OPERATED BY INSIDE TRIM.
F19	LATCH BOLT OPERATED BY TRIM EITHER SIDE, EXCEPT WHEN PROJECTED DEAD BOLT LOCKS OUTSIDE TRIM AND DEADLOCKS LATCH.
RXE	OUTSIDE TRIM UNLOCKED WITH CARD. ELECTRIC STRIKE DOOR LOCK INTEGRATED WITH DOOR CONTACT

HARDWARE SET TO BE REVIEWED BY THE SUPPLIER AND COORDINATED WITH FINAL ACCESS CONTROL DESIGN.
*   LEVER HANDLE / PULL HANDLE TO BE DETERMINED BY SUPPLIER
** DOOR KEY LOCK TO BE PROVIDED IN LINE WITH THE CONDITIONS (FAIL SECURE OR FAIL SAFE) OF ACCESS CONTROL SYSTEM. LOCK DEVISE TO BE RELEASED AUTOMATICALLY BY ACTIONING THE PUSH BAR OR LEVER HANDLE IN THE EGRESS DIRECTION.
FIRE AND LIFE SAFETY STRATEGY SHALL PREVAIL OVER ACCESS CONTROL STRATEGY
*** TOP AND BOTTOM BOLTS ARE PERMITTED IF THEY ARE RELEASED AUTOMATICALLY WHEN THE PUSH BAR IS ACTIONING. MANUAL BOLTS COULD BE USED IN SPECIFIC DOOR LEAF WHEN IT IS NOT REQUIRED TO EVACUATE THE BUILDING AS PER FIRE AND LIFE SAFETY REPORT.

NOTES :
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*** ALL INTERIOR WINDOWS AND PARTITIONS WILL HAVE CLEAR TEMPERED GLASS 6mm.**
*** ALL EXTERIOR WINDOWS AND EXTERNAL GLASS PARTITIONS WILL HAVE DOUBLE CLEAR TEMPERED GLASS 4+12+6mm.**
*** ALL GRILLES INCLUDED IN EXTERIOR DOORS SHOULD BE EQUIPPED WITH A SAND TRAP.**
*** ALL GRILLES INCLUDED IN FR DOORS SHALL BE INTUMESCENT VENT GRILLES.**
*** ALL SPECIAL DOORS (E.G. SHUTTERS, AND FOLDING, ROLLER AND STREET ACCESS DOORS) SHALL BE AS SUPPLIED BY THE MANUFACTURER.**
*** SEE GENERAL DETAIL DRAWINGS FOR FURTHER INFORMATION.**

(*) AS PER SUPPLIER SPECIFICATIONS AND CLIENT SELECTION
*HARDWARE SET FOR FIRE RATED DOORS SHALL BE U/L CERTIFIED OR EQUIVALENT LABELLED

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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KEY PLAN :

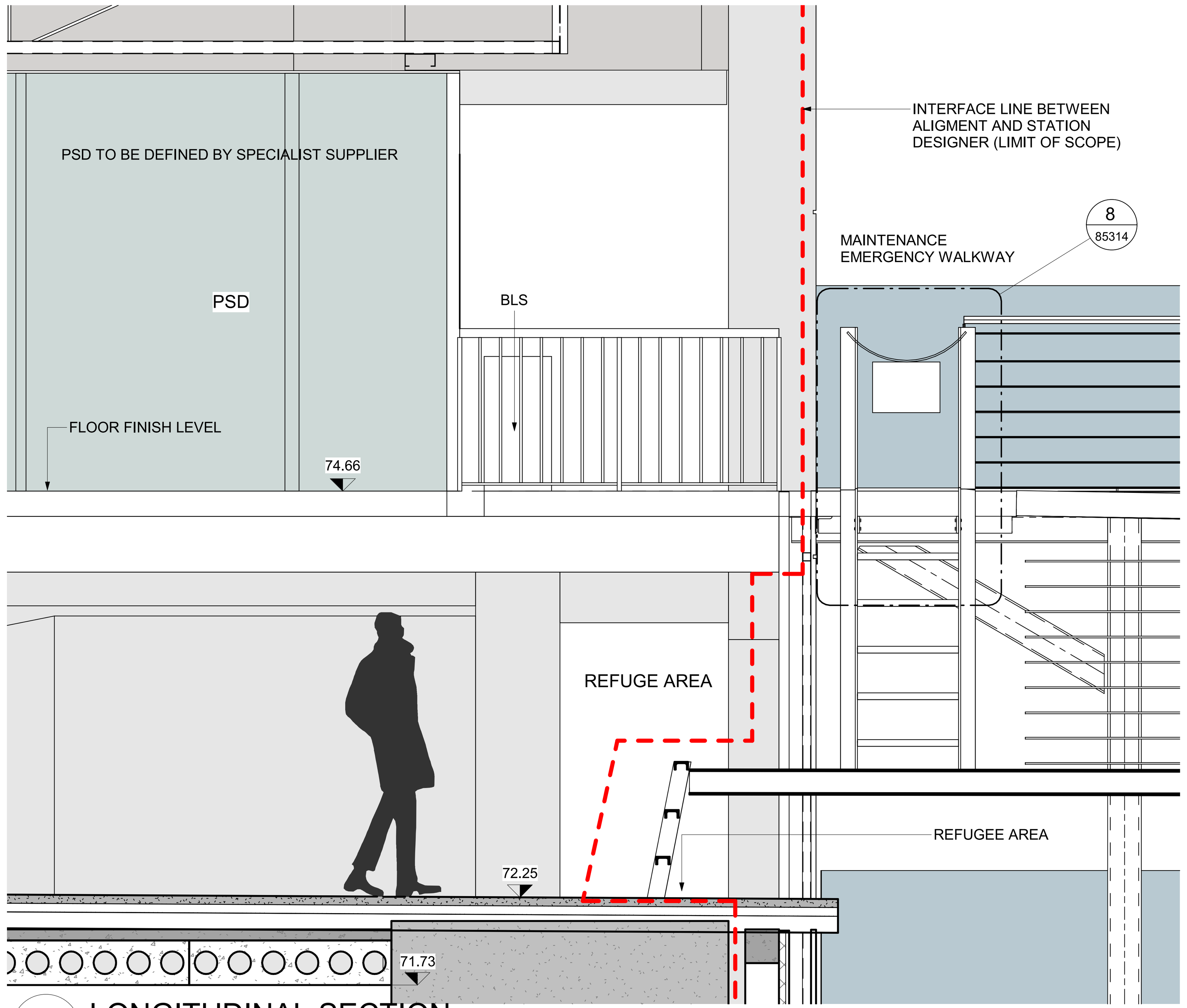
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DATE : 2023/06/09
SCALE :
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

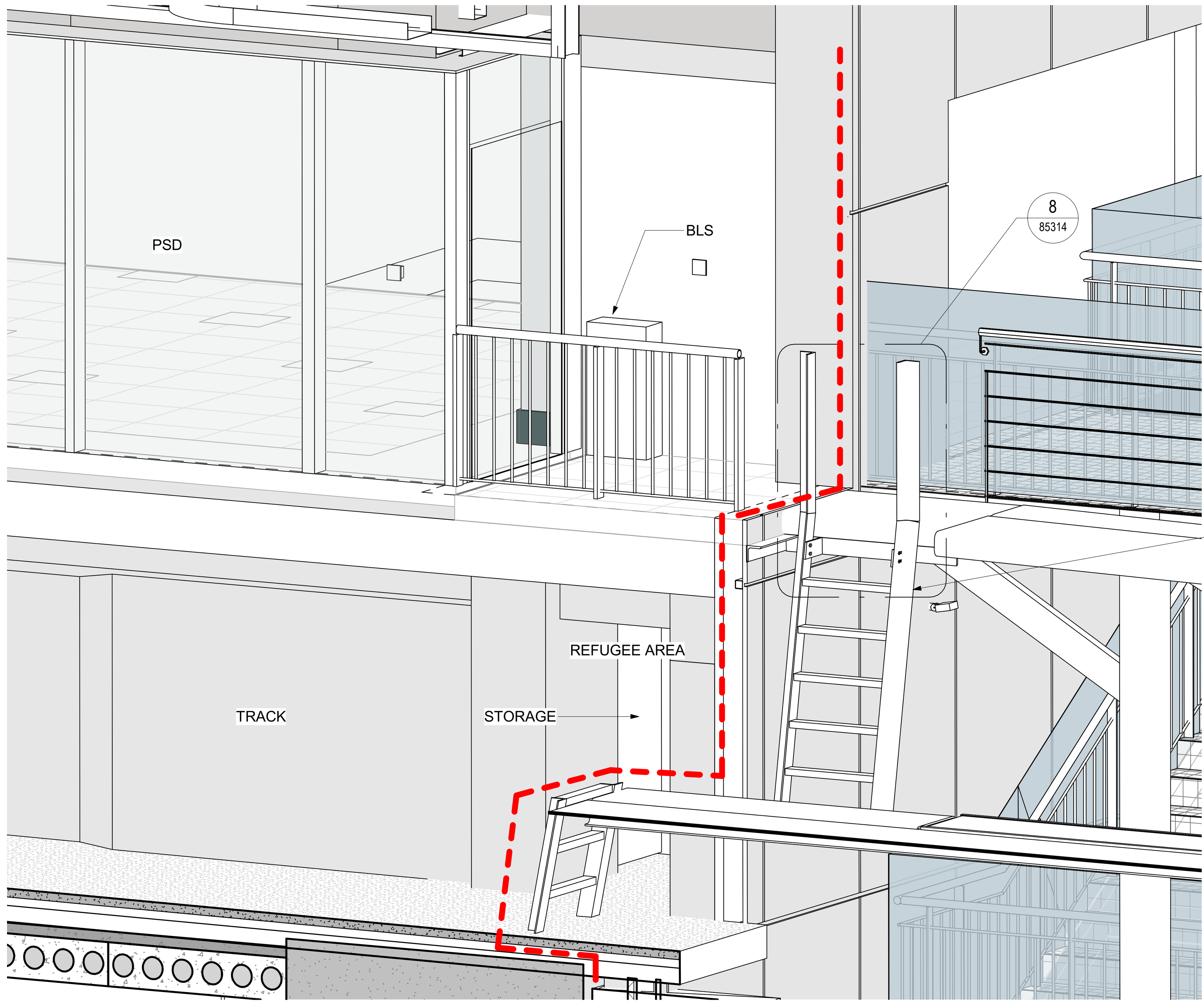
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ARCHITECTURE
DOORS AND WINDOWS SCHEDULE
CLOSED STATION PROTOTYPE 3.HARDWARE SET

Page: 1 of 1

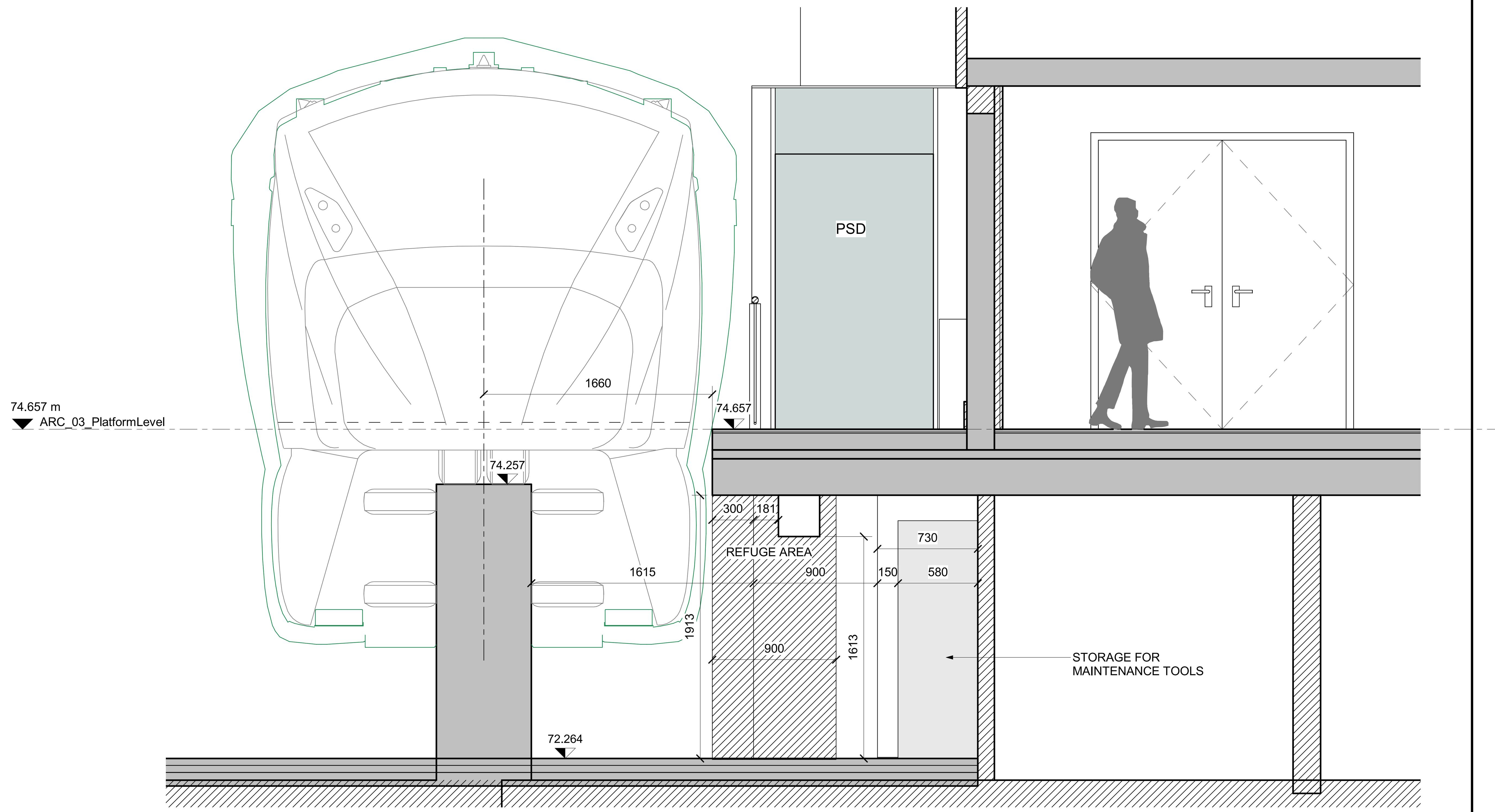
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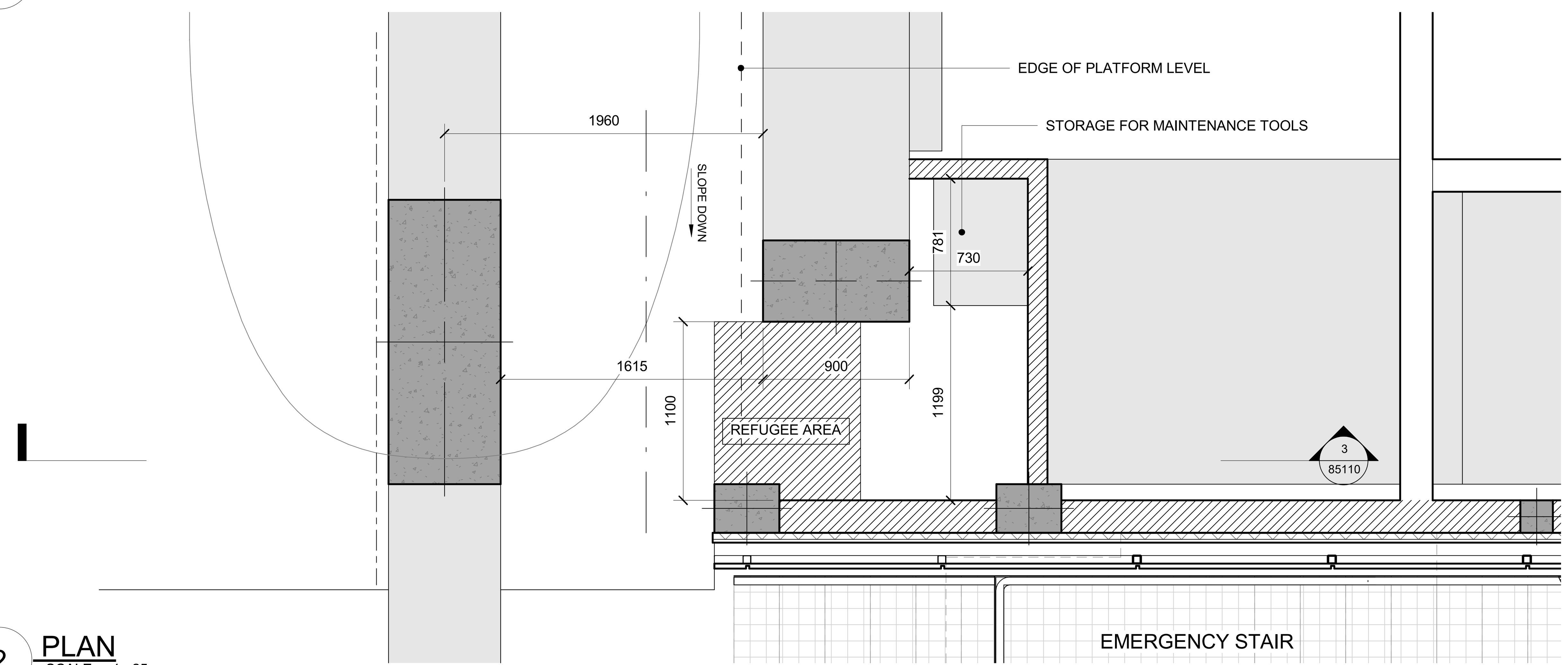
4 LONGITUDINAL SECTION
SCALE 1 : 25



1 3D VIEW
SCALE



3 CROSS SECTION
SCALE 1 : 25



2 PLAN
SCALE 1 : 25

NOTES :
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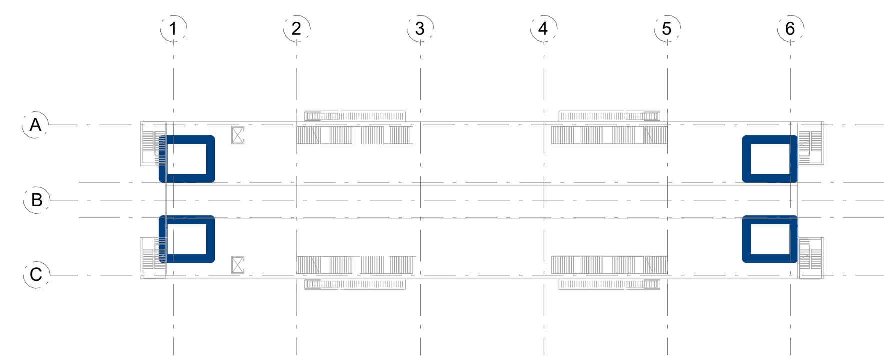
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KEY PLAN :



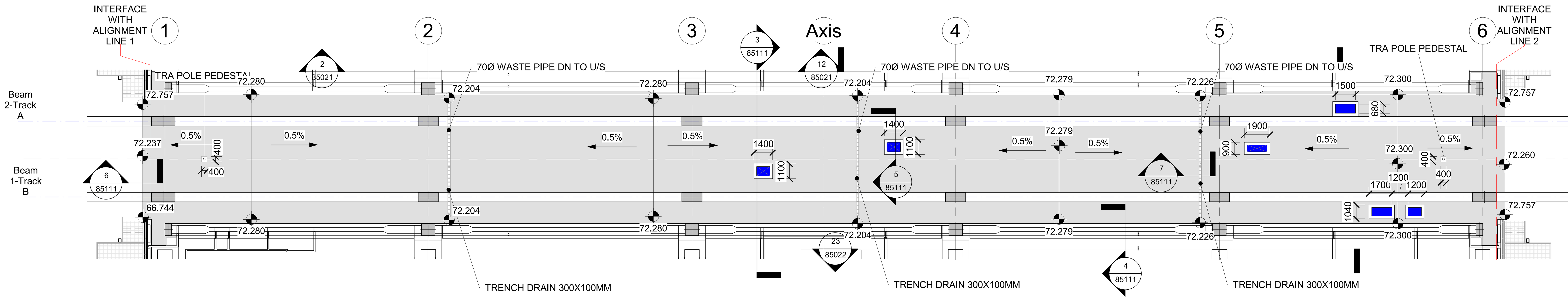
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DATE : 2023/06/09
SCALE : 1 : 25
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
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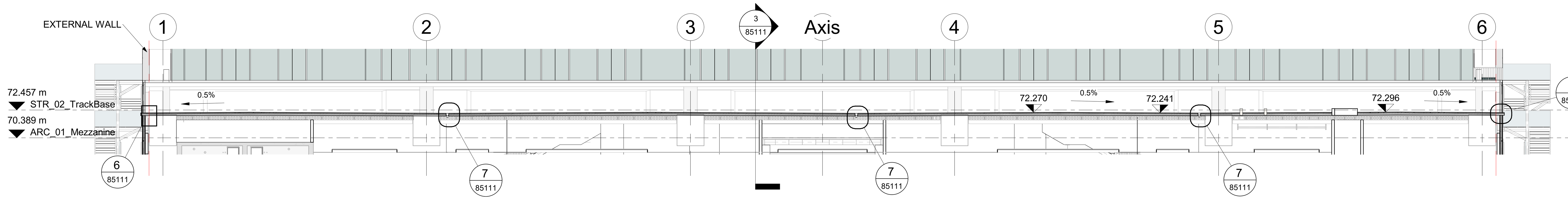
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.TRACK O&M REFUGEE AREA DETAILS

Page: 1 of 1

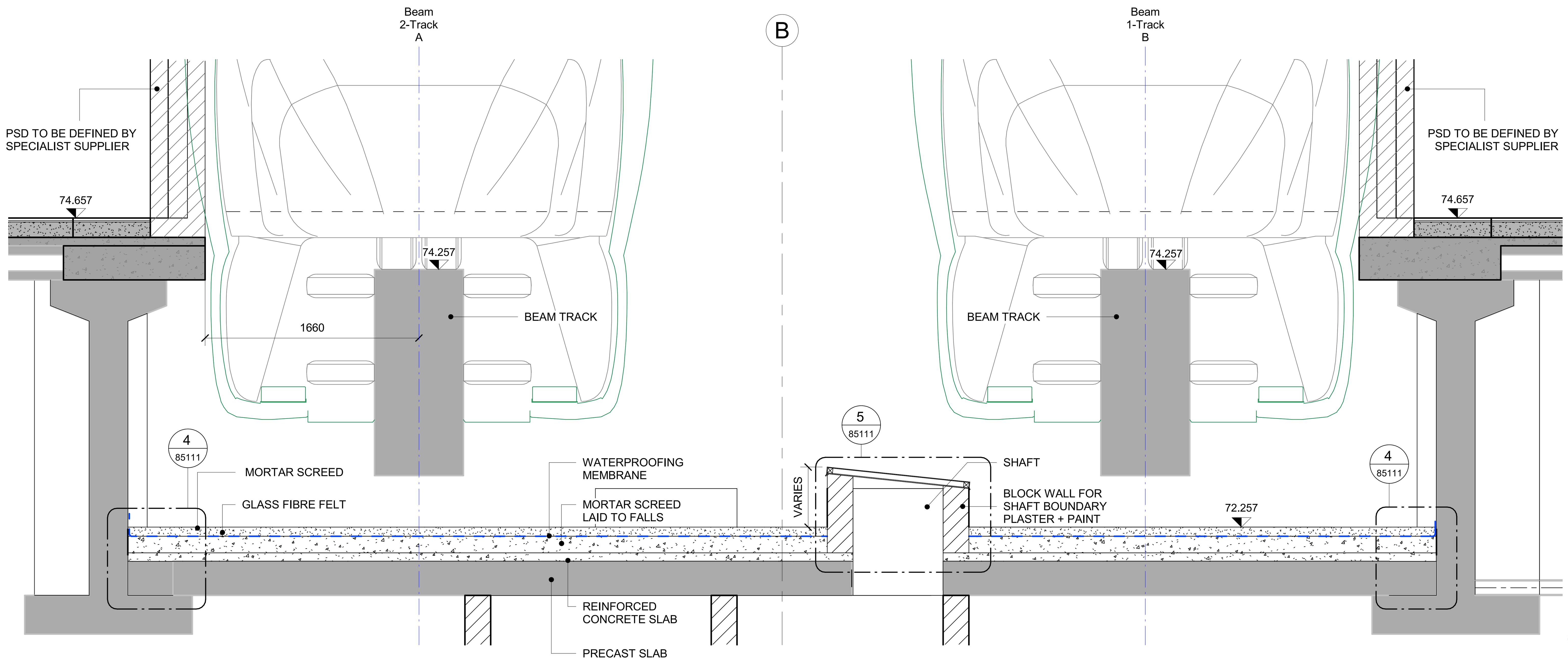
Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85110	A



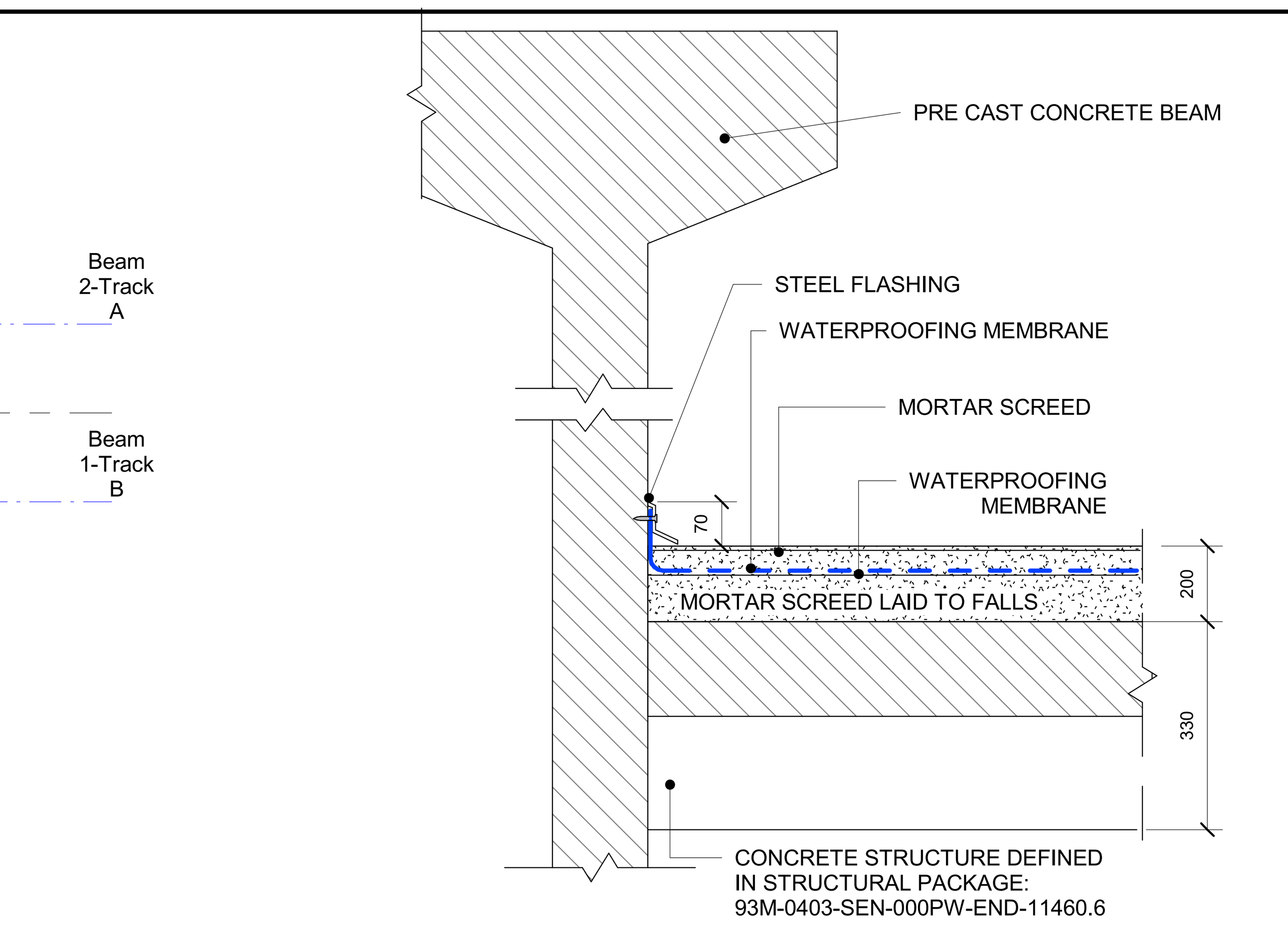
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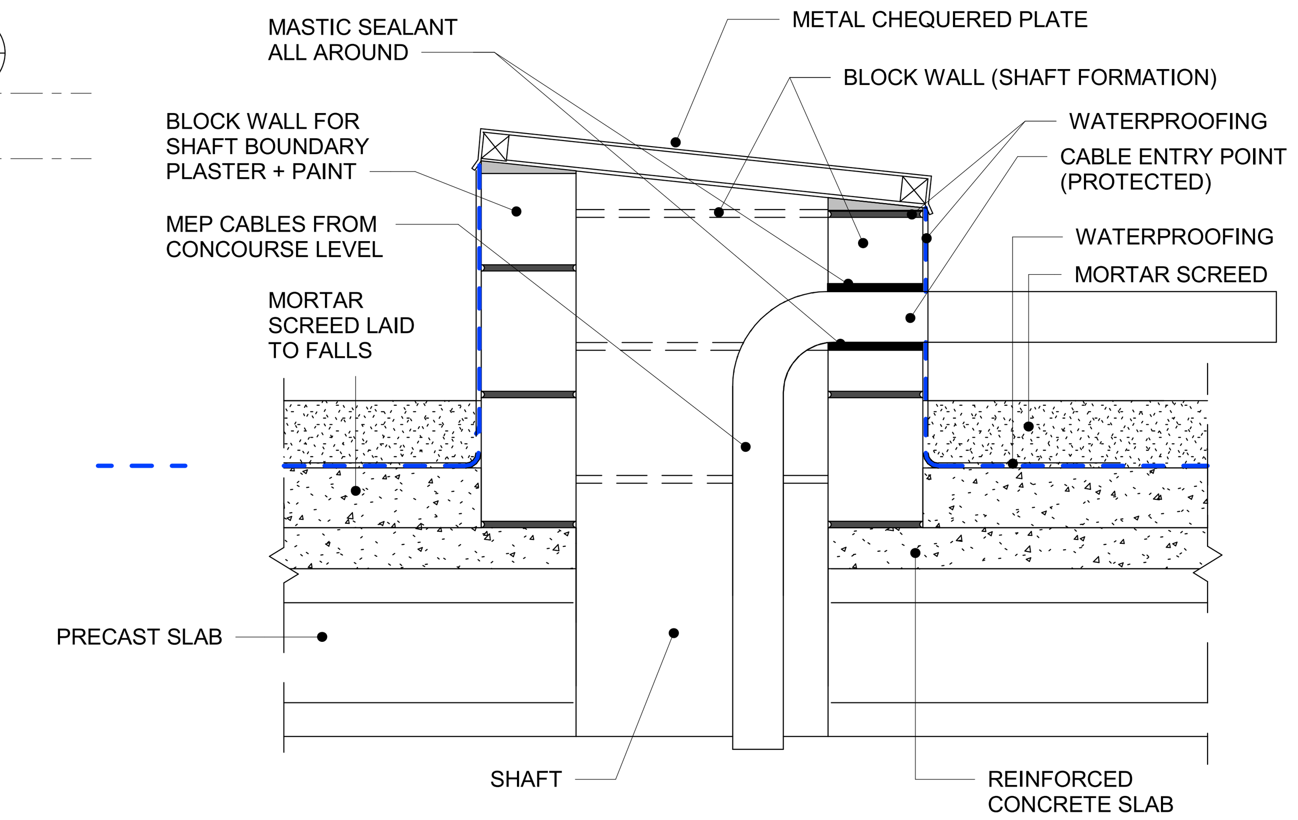
2 TRACK LONG SECTION
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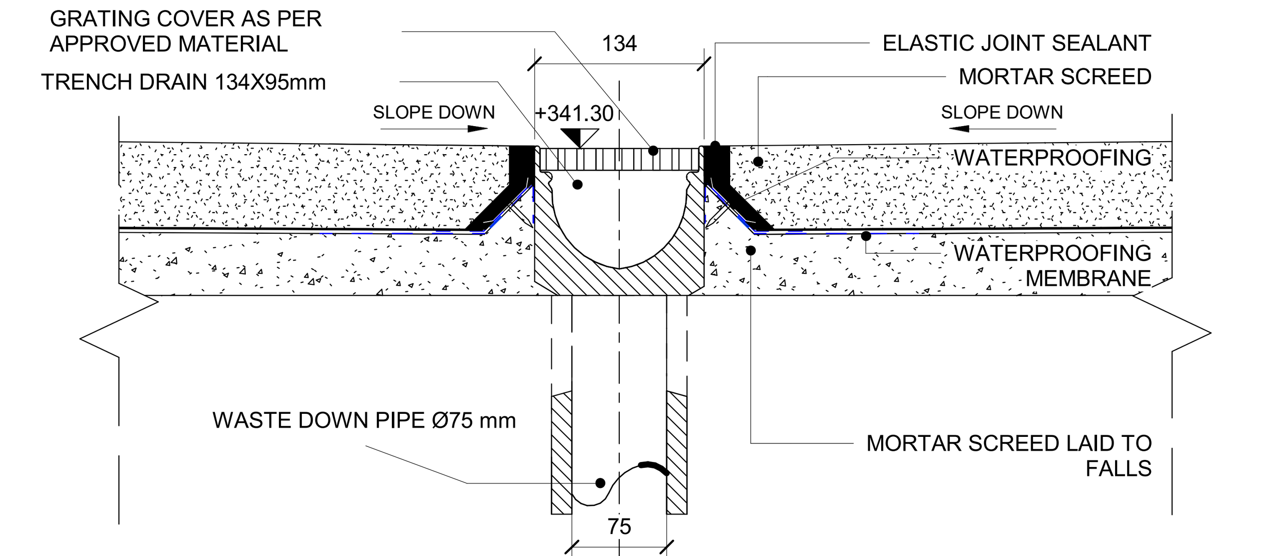
3 TRACK CROSS SECTION
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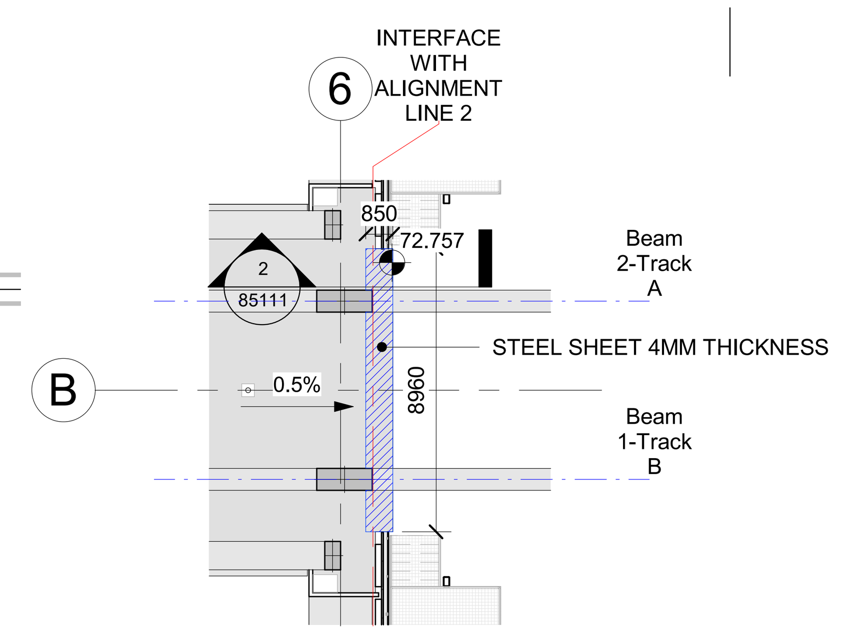
4 TRACK BASE FLOOR DETAIL
SCALE 1 : 10

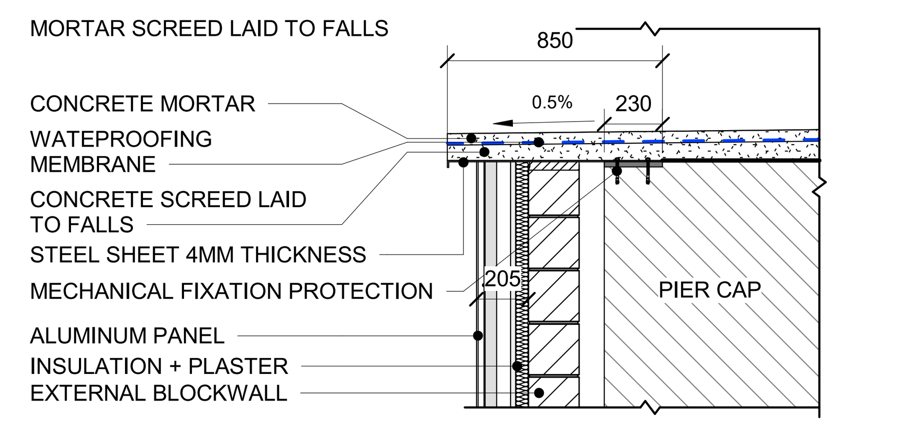


5 TRACK BASE FLOOR. HEADER DETAIL
SCALE 1 : 10



7 TRENCH DRAIN DETAIL
SCALE 1 : 5





6 TRACK BASE FLOOR. HEADER DETAIL
SCALE 1 : 25

NOTES :
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DRAWINGS TO BE ANALYZED IN CONJUCTION WITH DOCUMENT NUMBER:
93M-0540-SHK-000PW-DDG-31109

REFERENCE DRAWINGS :

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2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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KEY PLAN :

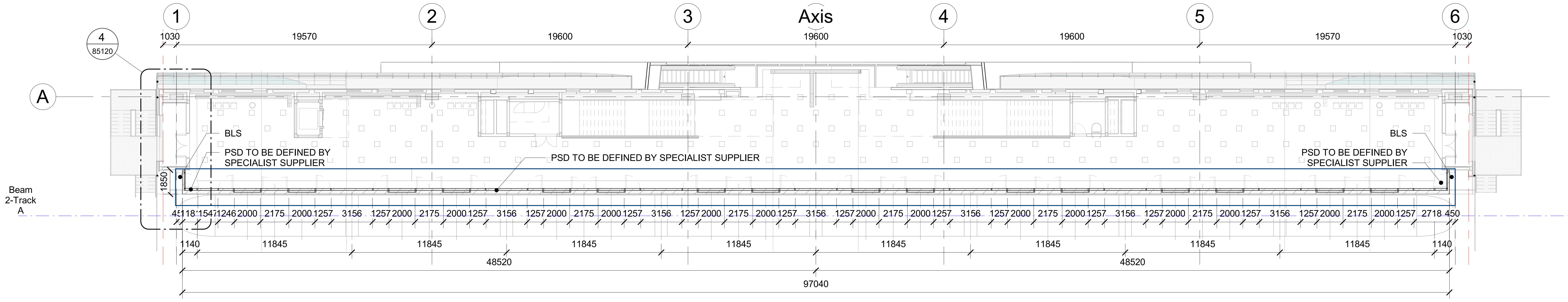
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

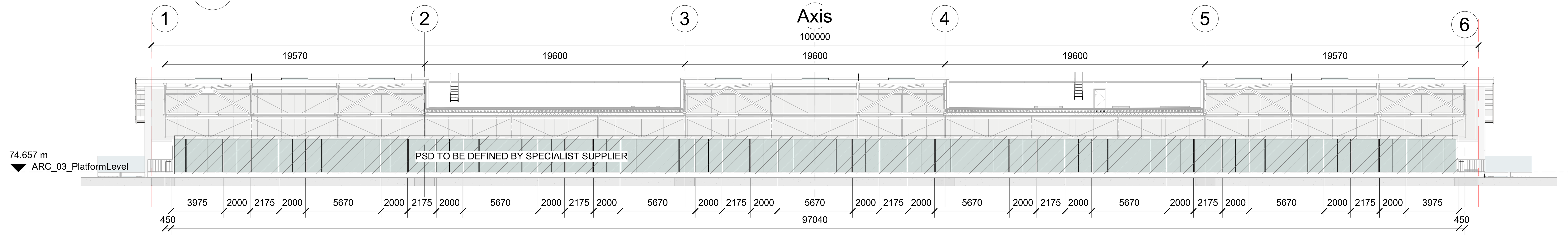
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.TRACK DETAILS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
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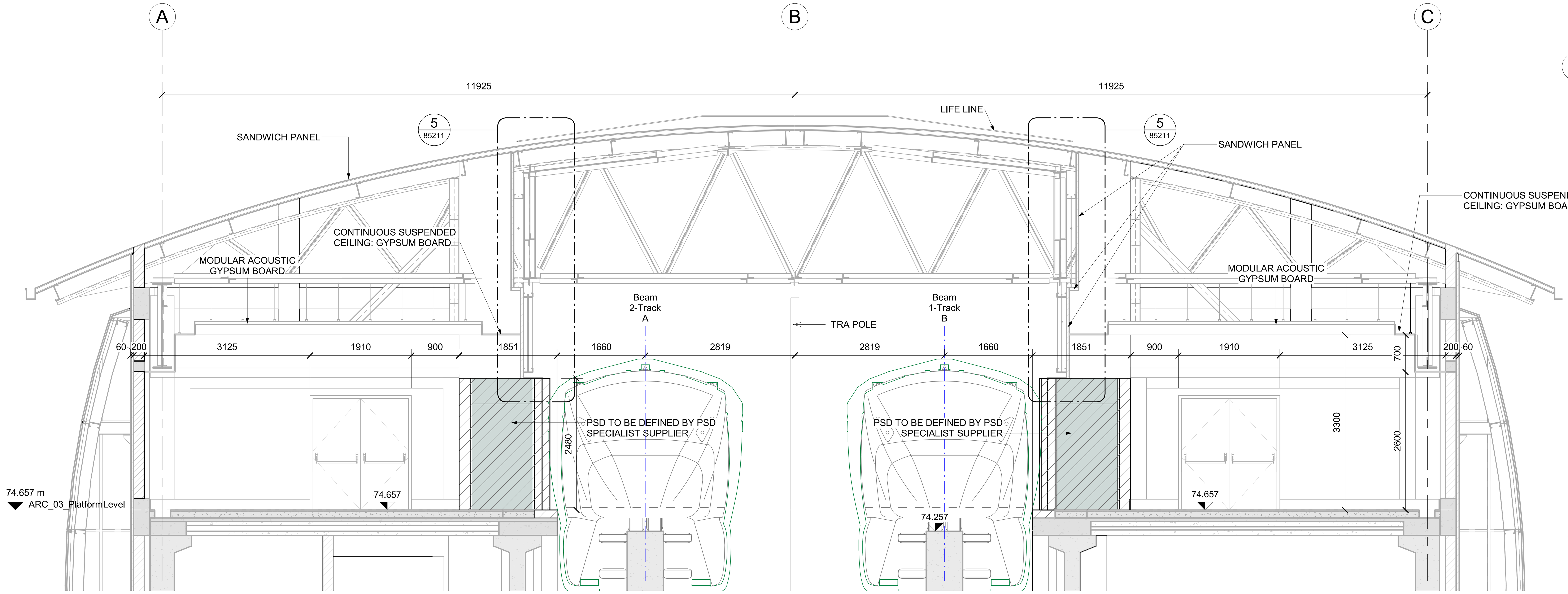


1 PLATFORM LEVEL
SCALE 1 : 200

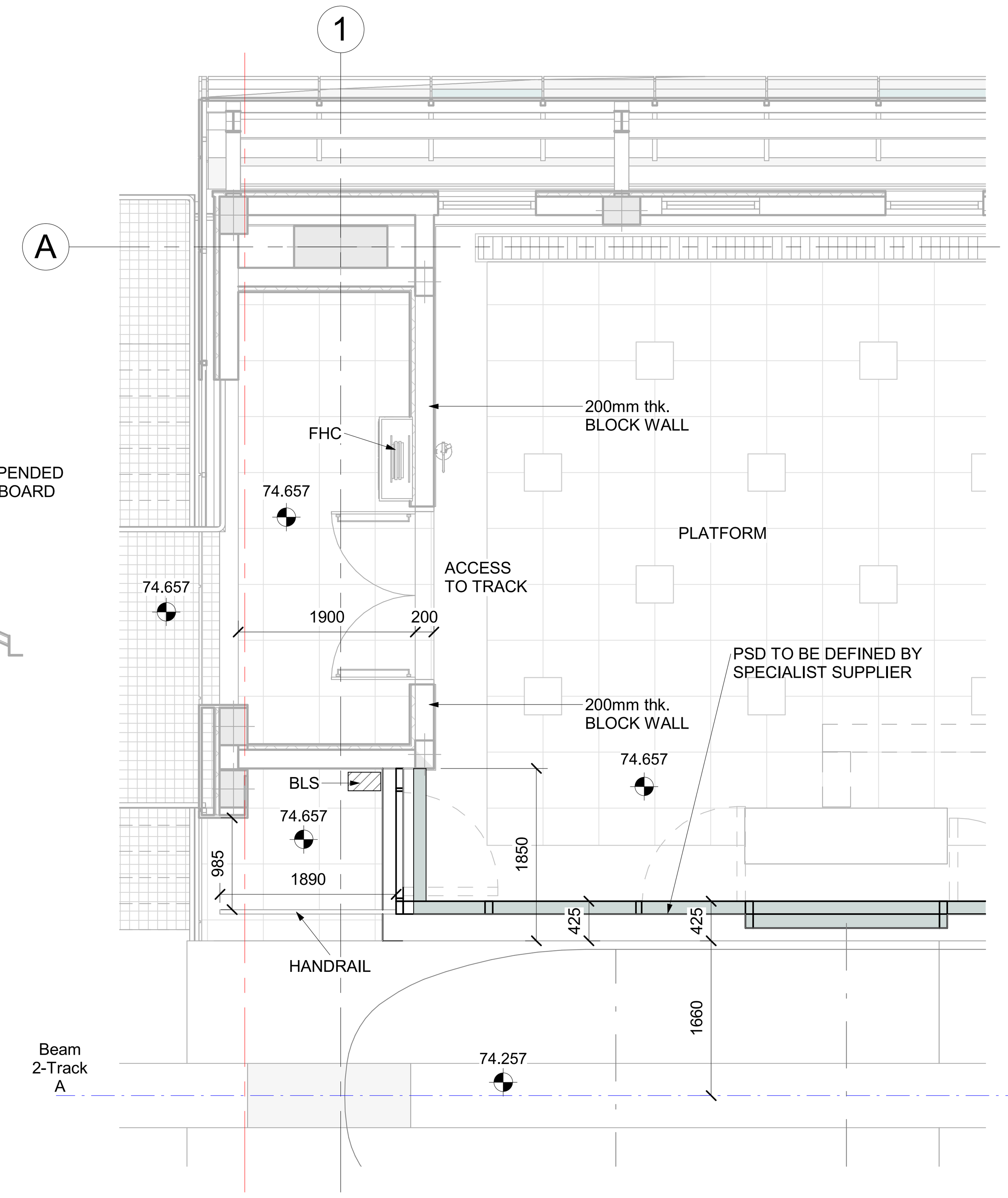


2 LONGITUDINAL SECTION
SCALE 1 : 200

*THIS DRAWING DEFINES THE INTERFACE WITH PSD EQUIPMENT SUPPLIER.
*AREA PROVIDED FOR PSD INSTALLATION (EQUIPMENT BY SPECIALIST SUPPLIER)
*DIMENSIONS TO BE COORDINATED WITH PSD SUPPLIER OPERATOR DURING SHOP DRAWING PHASE



3 CROSS SECTION
SCALE 1 : 50



4 PSD DETAIL
SCALE 1 : 50

NOTES :
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REFERENCE DRAWINGS :

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ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.PSD DETAILS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85120	A



NOTES :
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DRAWINGS TO BE ANALYZED IN CONJUCTION WITH DOCUMENT NUMBER:
- 93M-0407-SEN-000PW-END-53462
- 93M-0401-SEN-000PW-END-53680
- 93M-0403-SEN-000PW-END-53730
- 93M-0403-SEN-000PW-END-53740
- 93M-0407-SEN-000PW-END-53648
- 93M-0407-SEN-000PW-END-53649
- 93M-0472-SEN-000PW-END-53688

REFERENCE DRAWINGS :

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2	93M-0410-SEN-000PW-END-85325
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KEY PLAN :

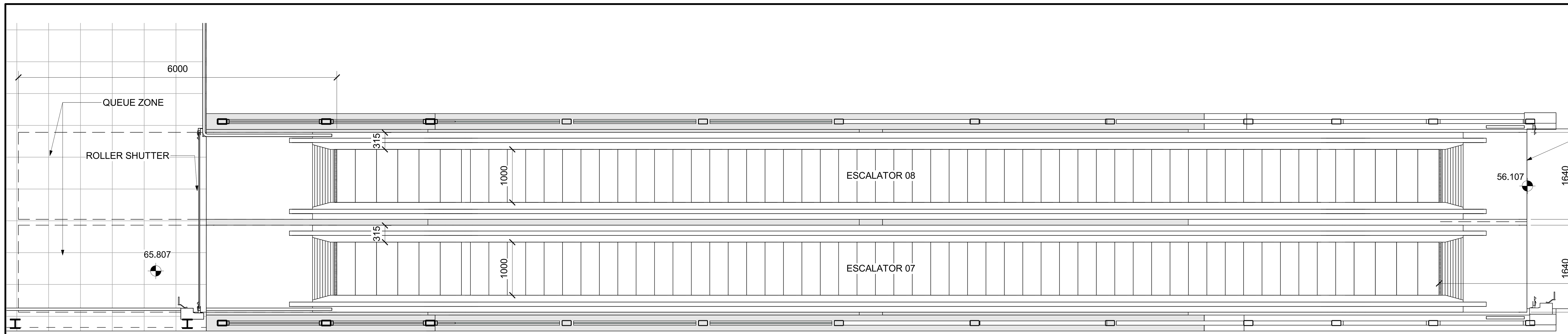
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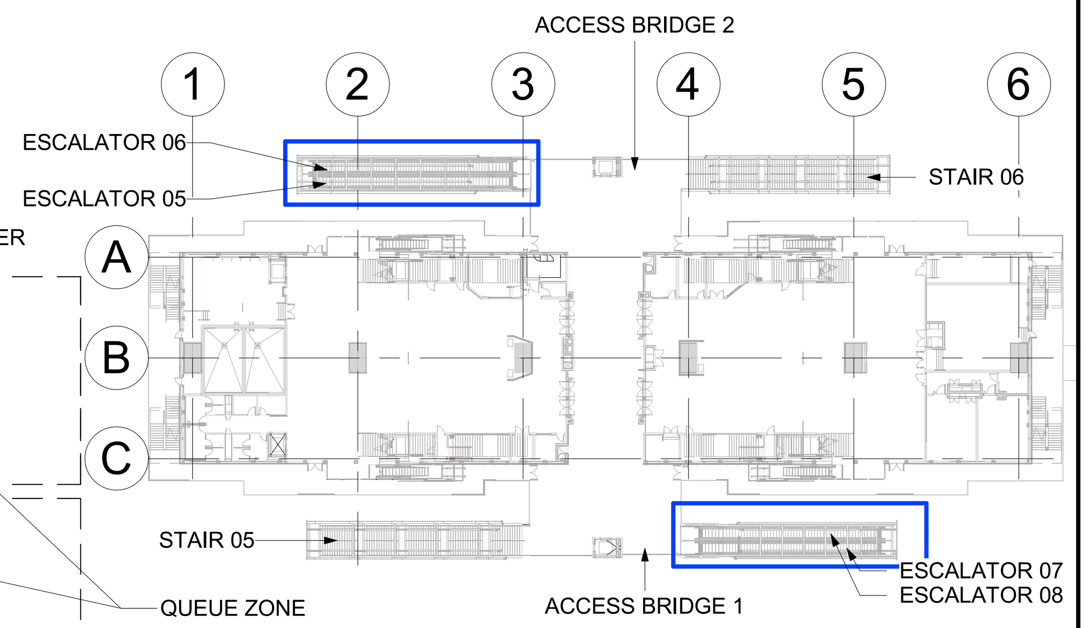
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A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.ESCALATOR CONCOURSE DETAILS

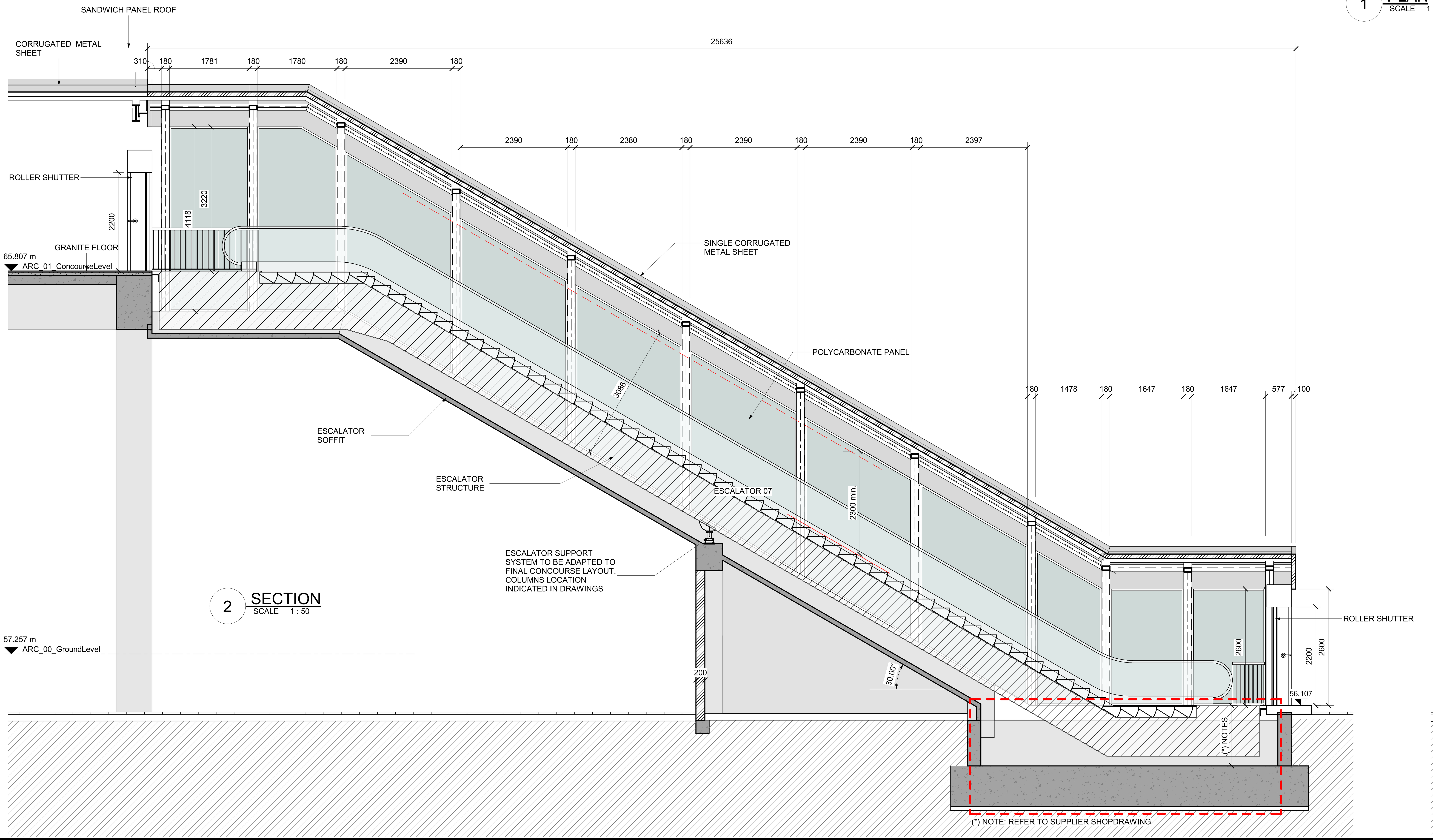
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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
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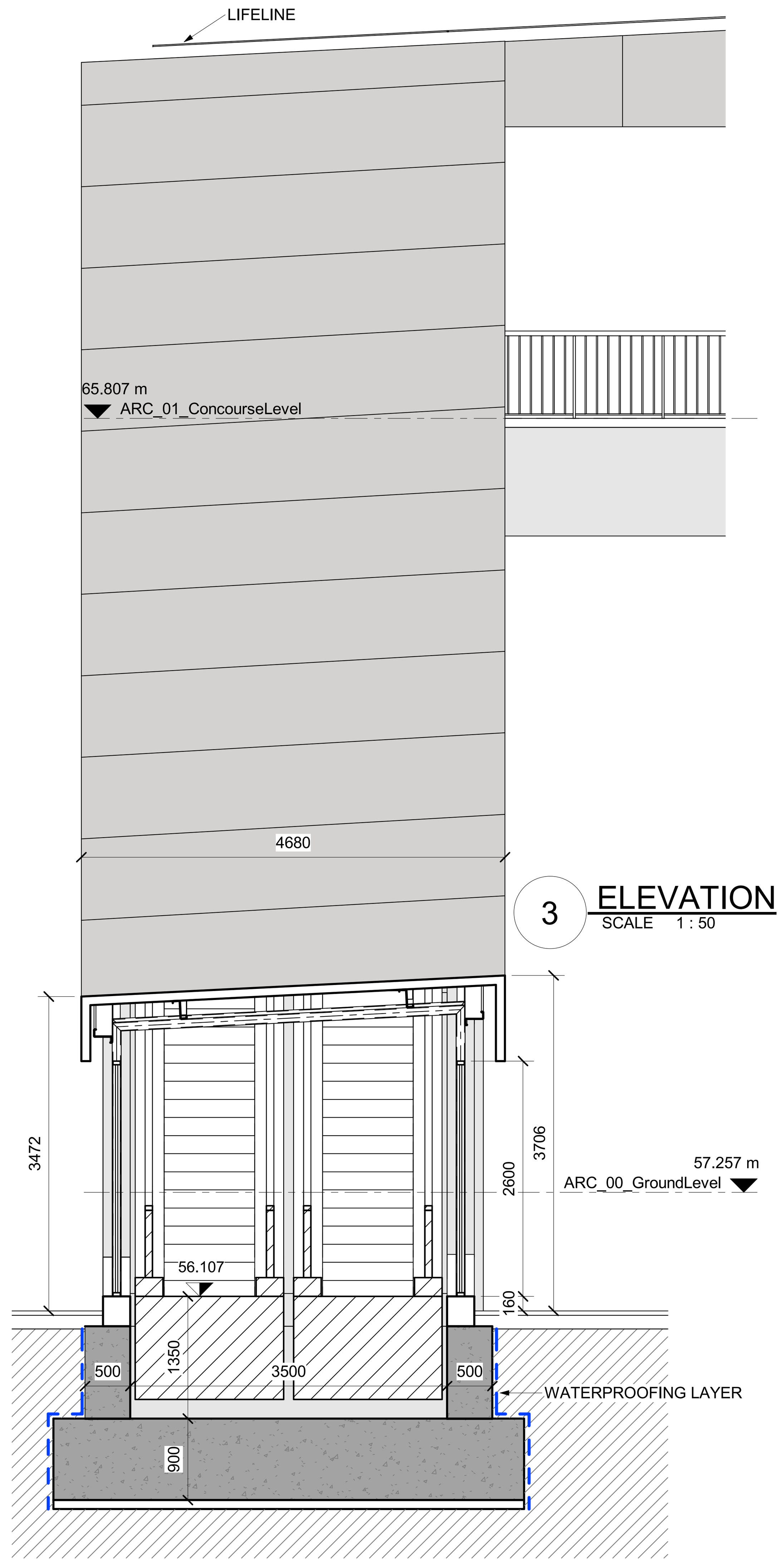




1 PLAN
SCALE 1 : 50



2 SECTION
SCALE 1 : 50



3 ELEVATION
SCALE 1 : 50

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DRAWINGS TO BE ANALYZED IN CONJUCTION WITH DOCUMENT NUMBER:
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Designer

KEY PLAN :

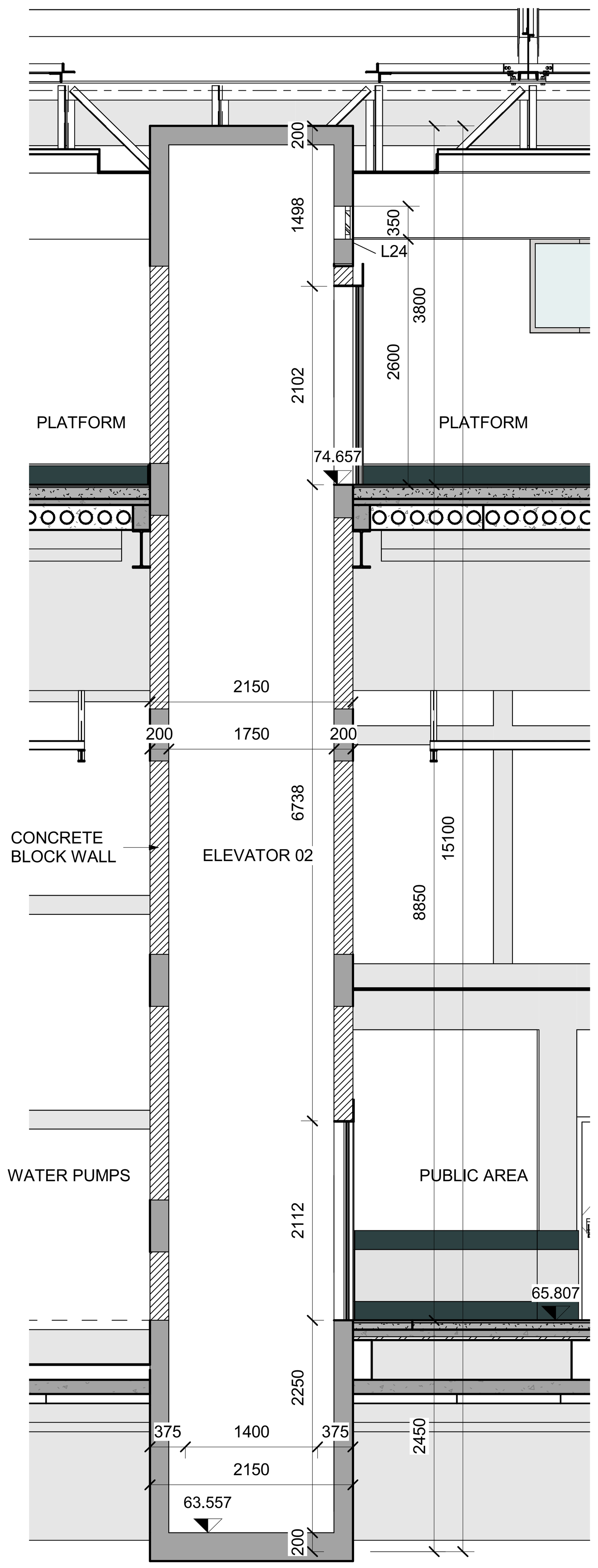
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DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

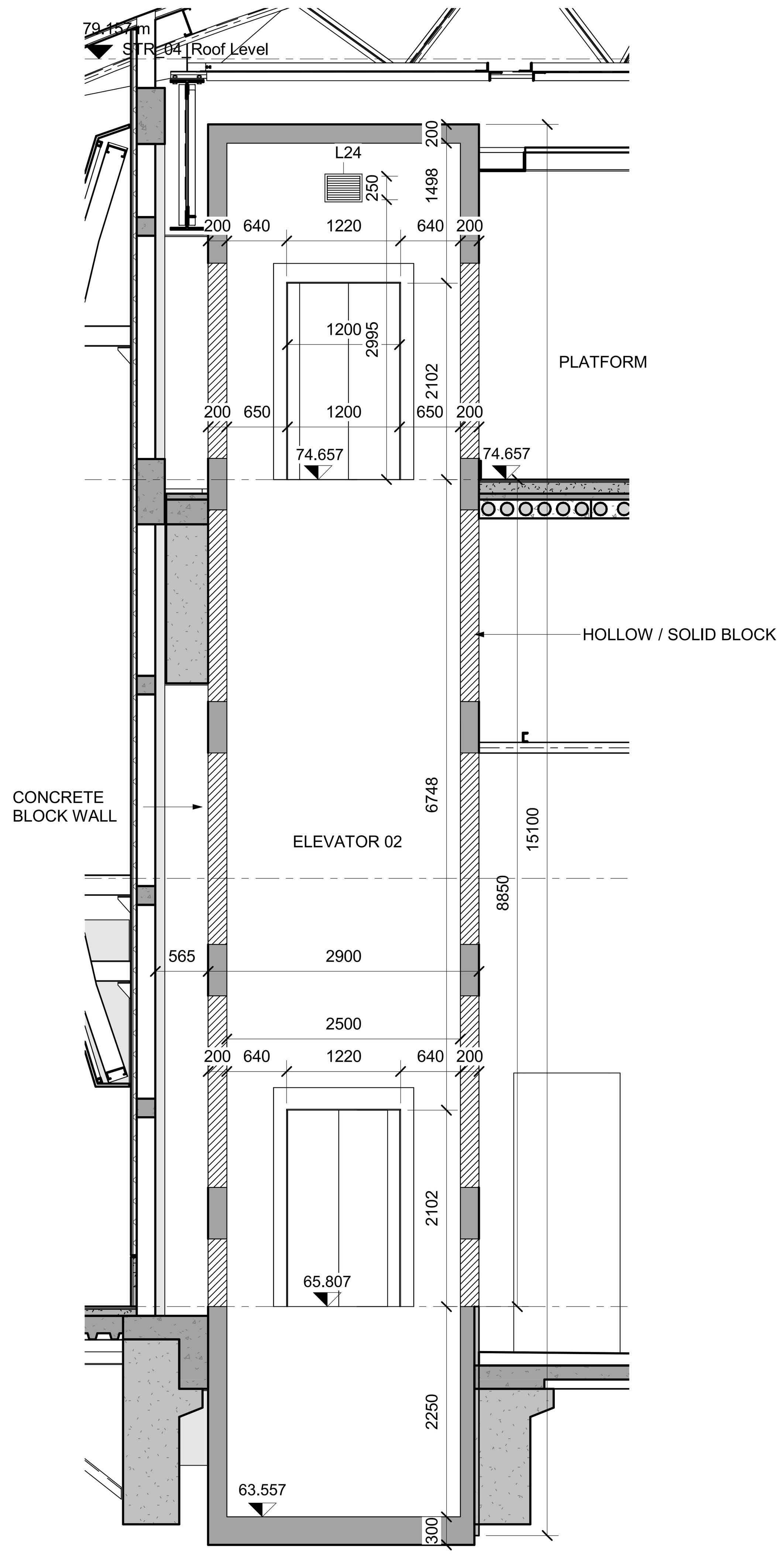
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DETAILED DESIGN
ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.ESCALATOR BRIDGE DETAILS

Page: 1 of 1

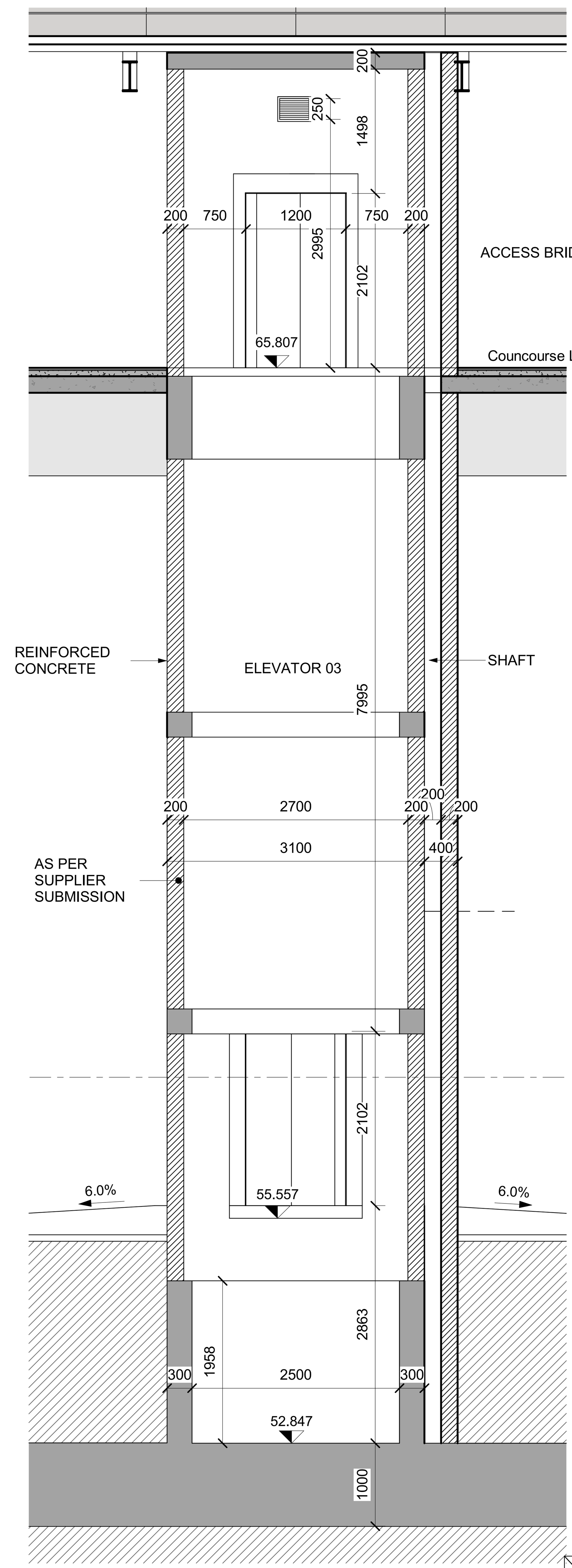
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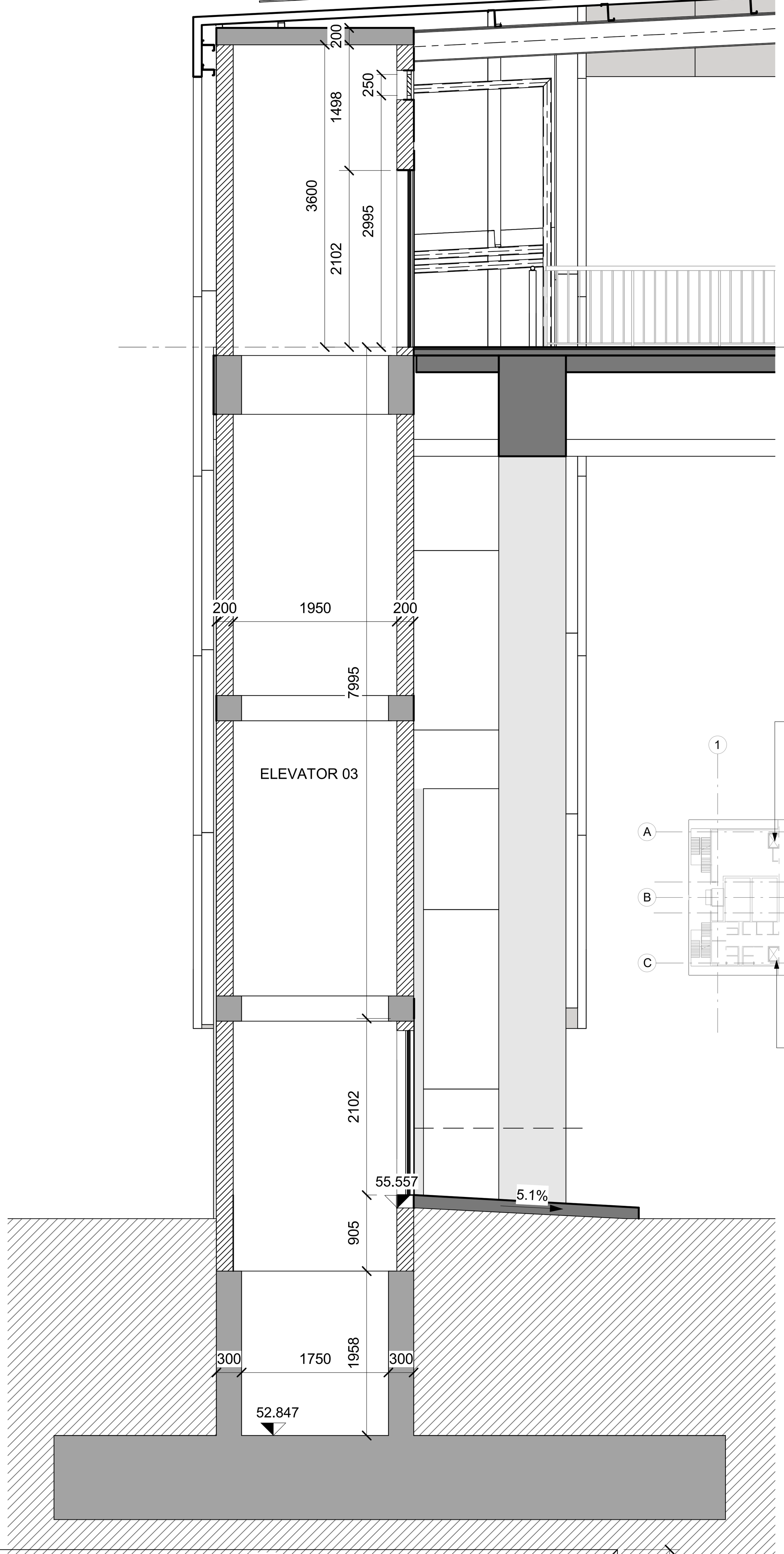
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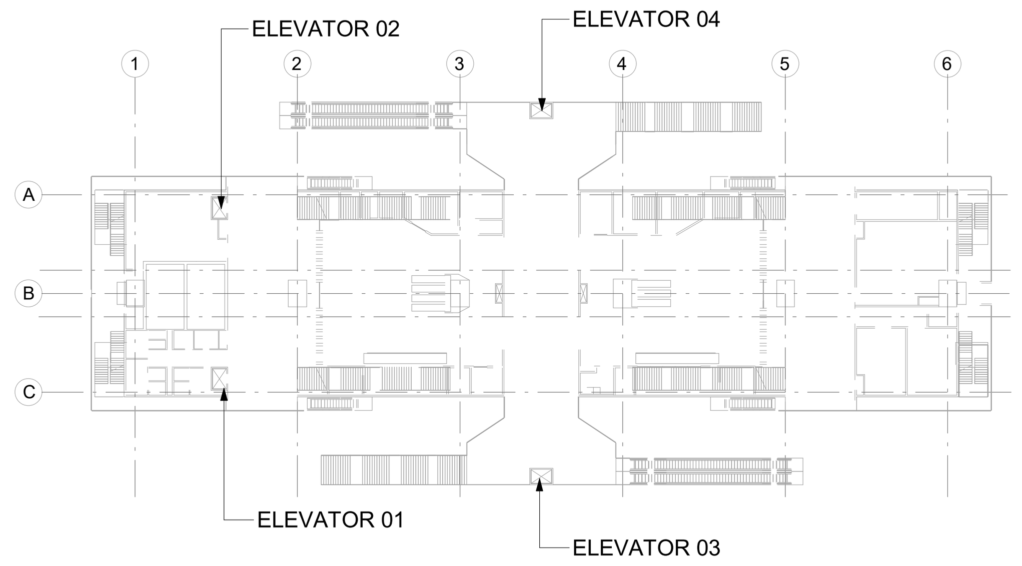
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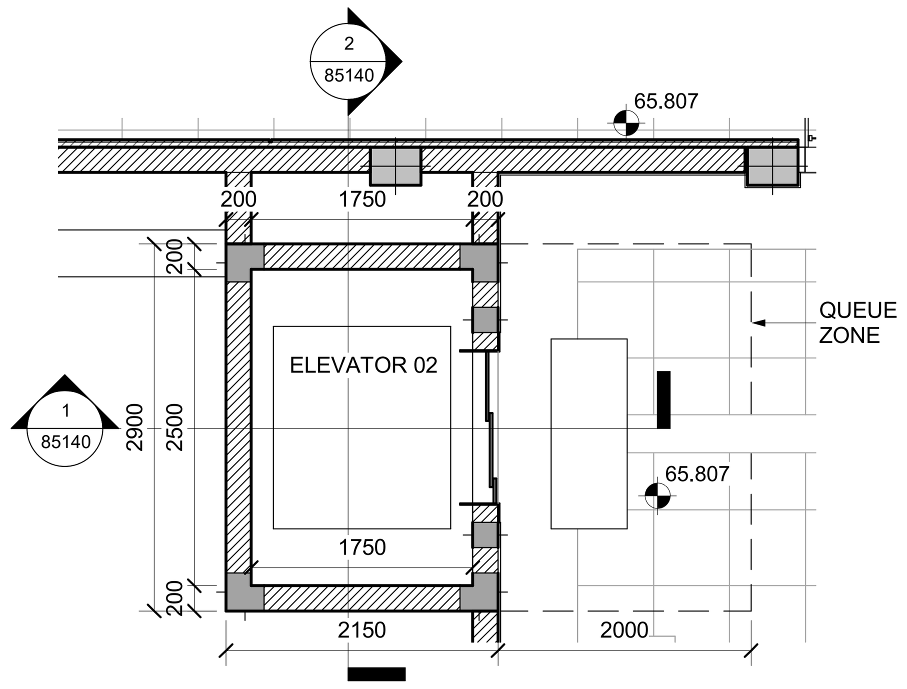
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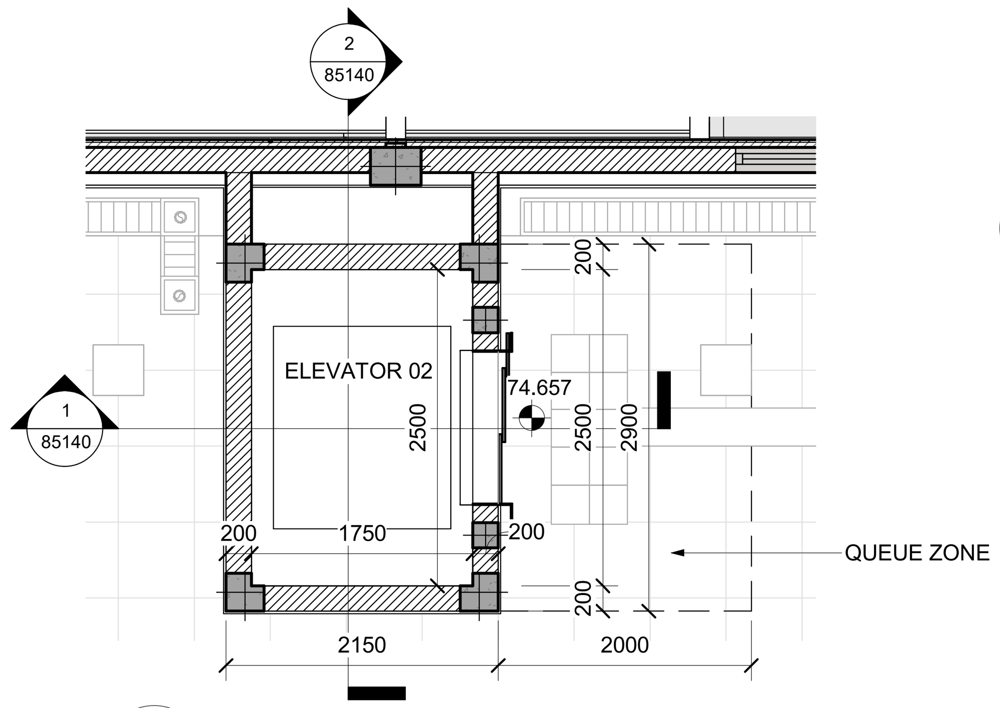
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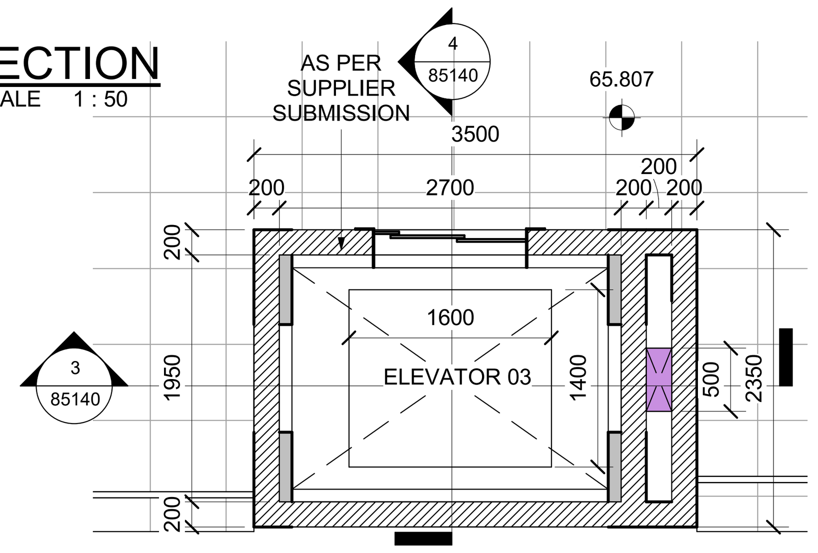
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FROM CONCOURSE LEVEL TO PLATFORM LEVEL (PROYECTION)



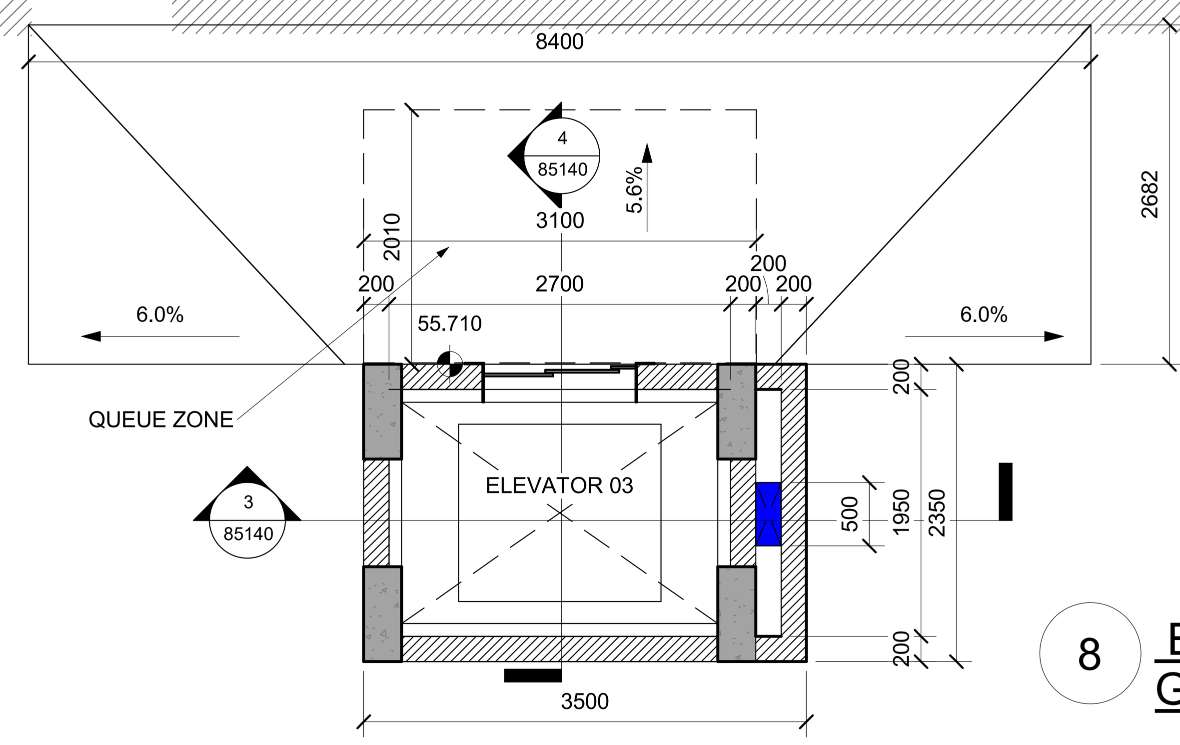
5 STATION ELEVATOR CONCOURSE LEVEL (01- 02)
SCALE 1 : 50



6 STATION ELEVATOR PLATFORM LEVEL (01 -02)
SCALE 1 : 50



7 BRIDGE ELEVATOR CONCOURSE LEVEL (03 - 04)
SCALE 1 : 50



8 BRIDGE ELEVATOR GROUND LEVEL (03 - 04)
SCALE 1 : 50

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DRAWINGS TO BE ANALYZED IN CONJUCTION WITH DOCUMENT NUMBER:
- 93M-0407-SEN-000PW-END-53462
- 93M-0401-SEN-000PW-END-53680
- 93M-0403-SEN-000PW-END-53730
- 93M-0403-SEN-000PW-END-53740
- 93M-0407-SEN-000PW-END-53648
- 93M-0407-SEN-000PW-END-53649
- 93M-0472-SEN-000PW-END-53688

REFERENCE DRAWINGS :

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2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant
ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor
SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

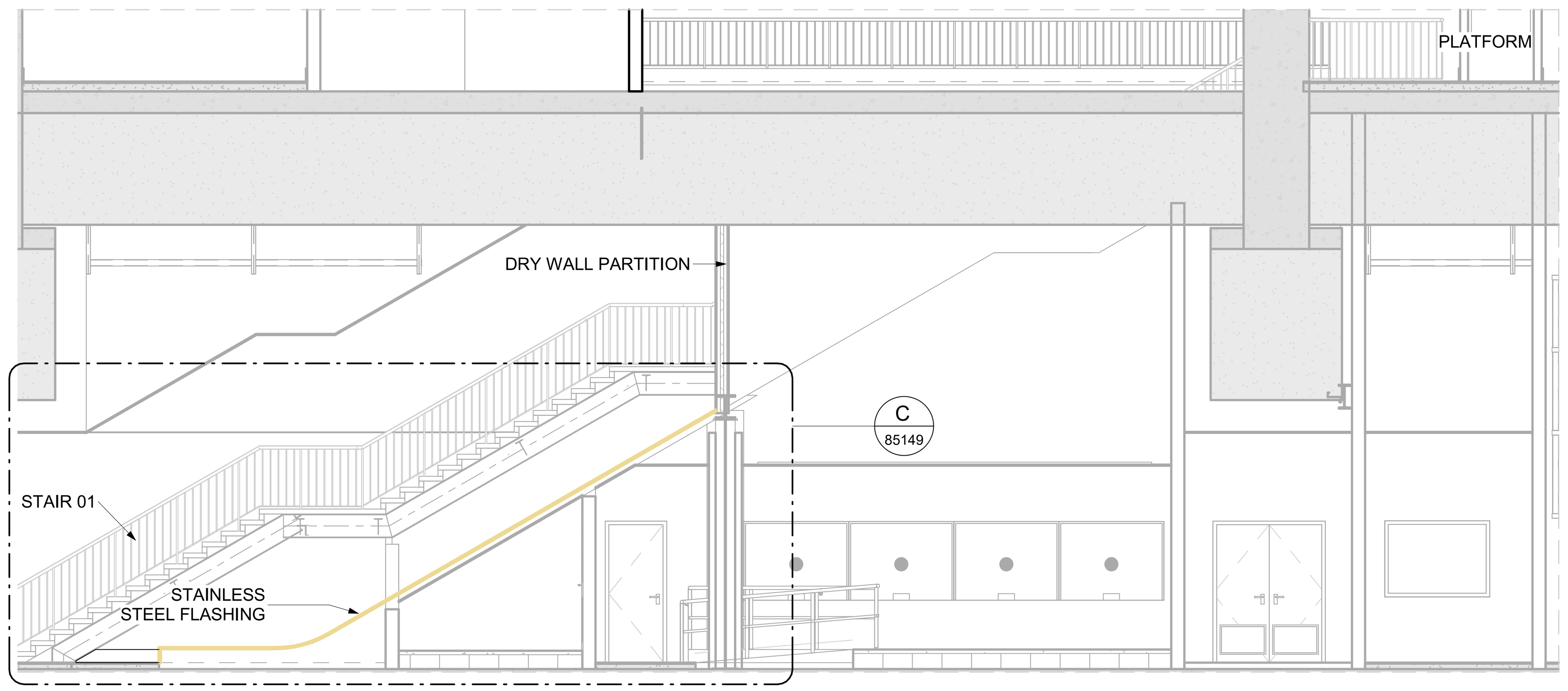
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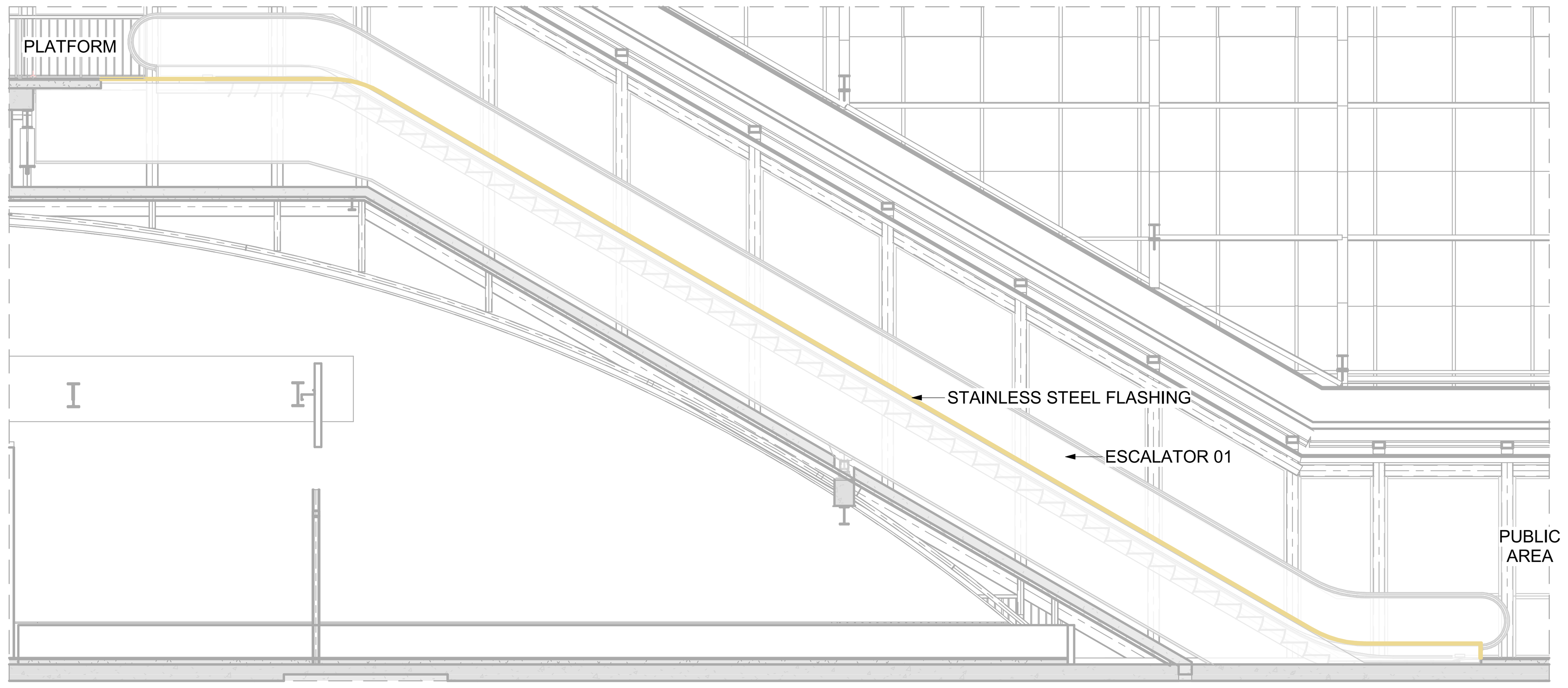
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.ELEVATOR DETAILS

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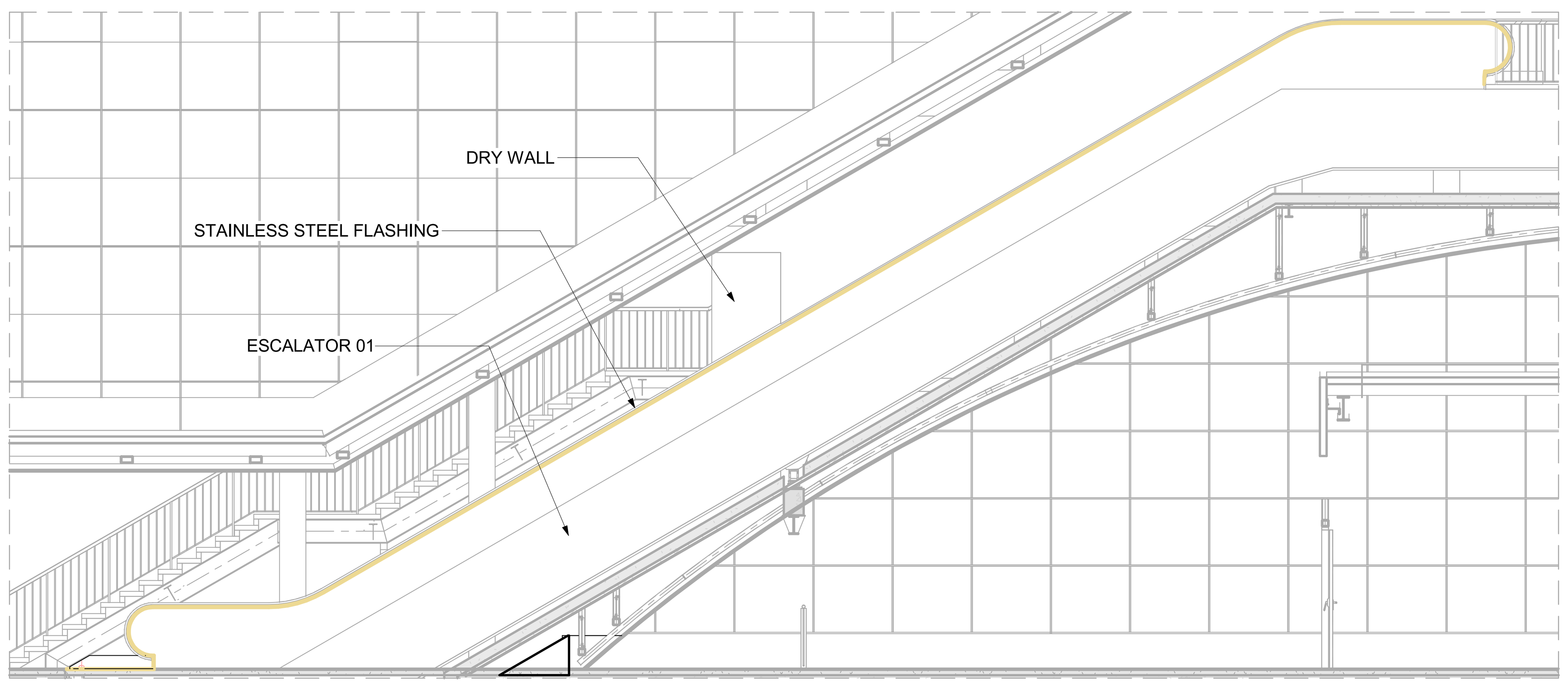
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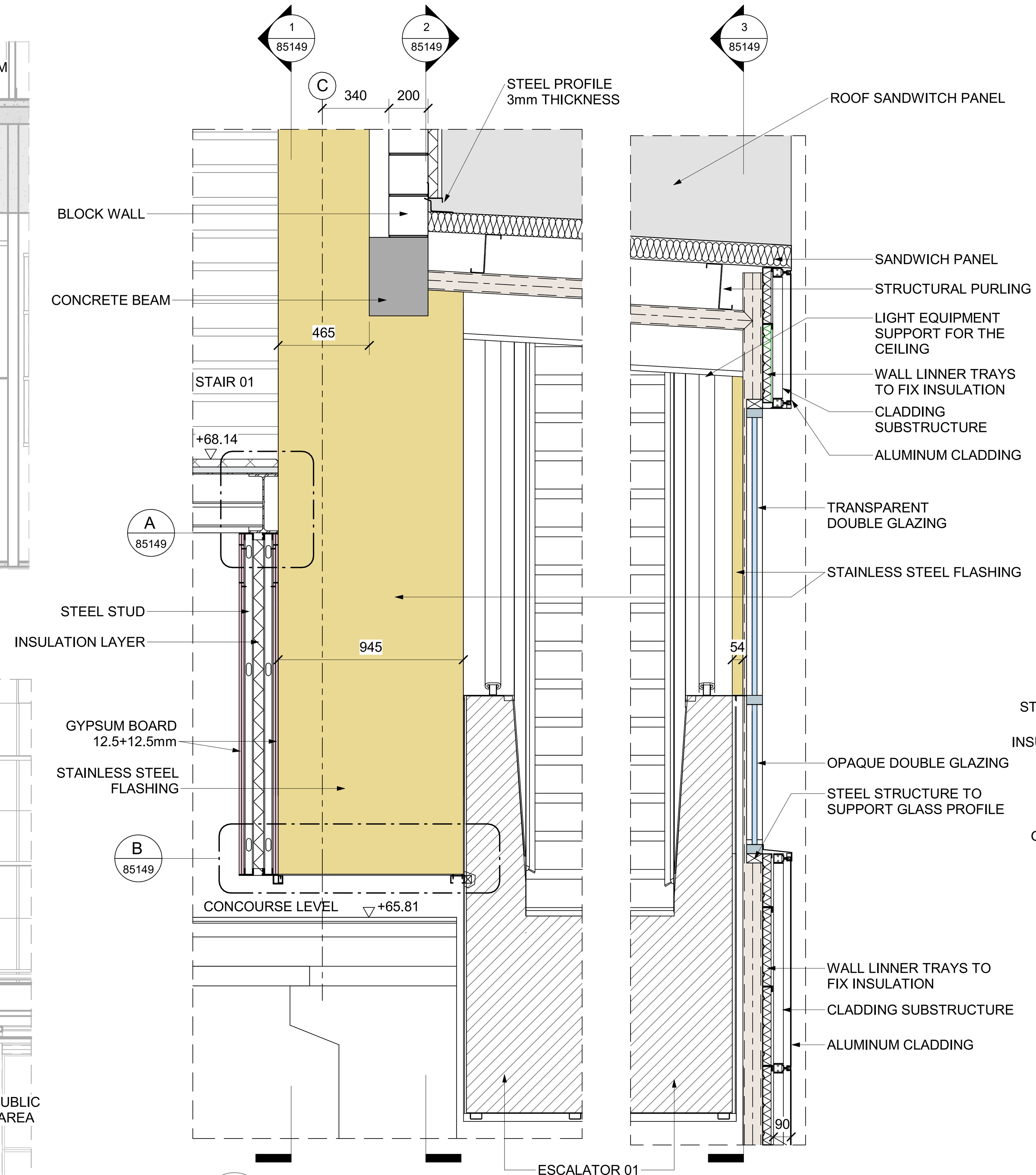
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SCALE 1 : 75



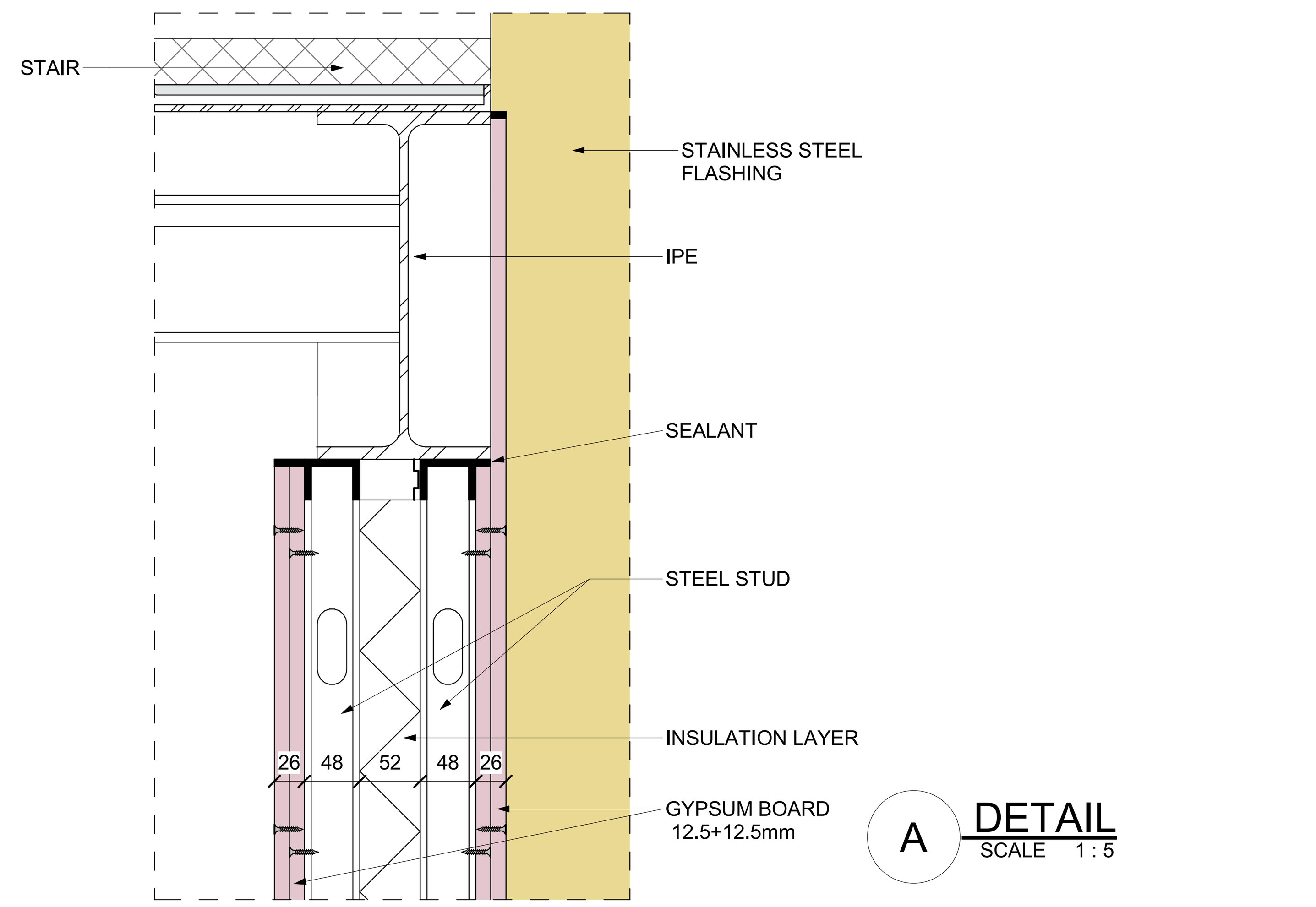
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SCALE 1 : 75



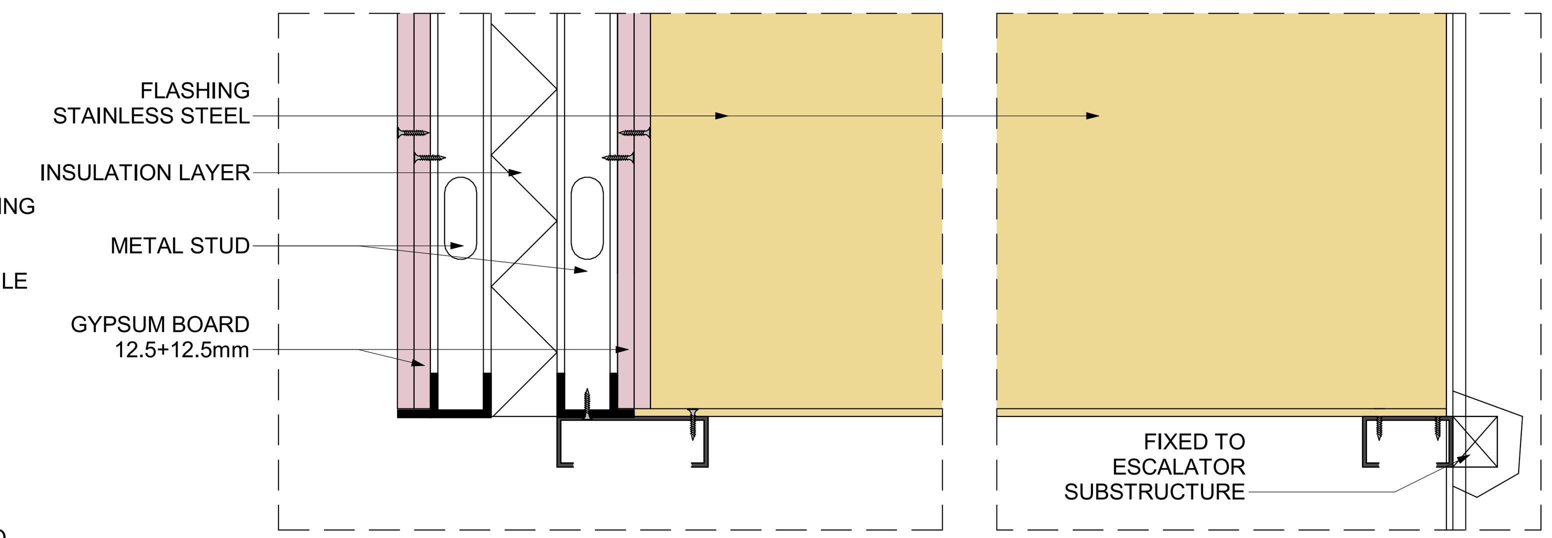
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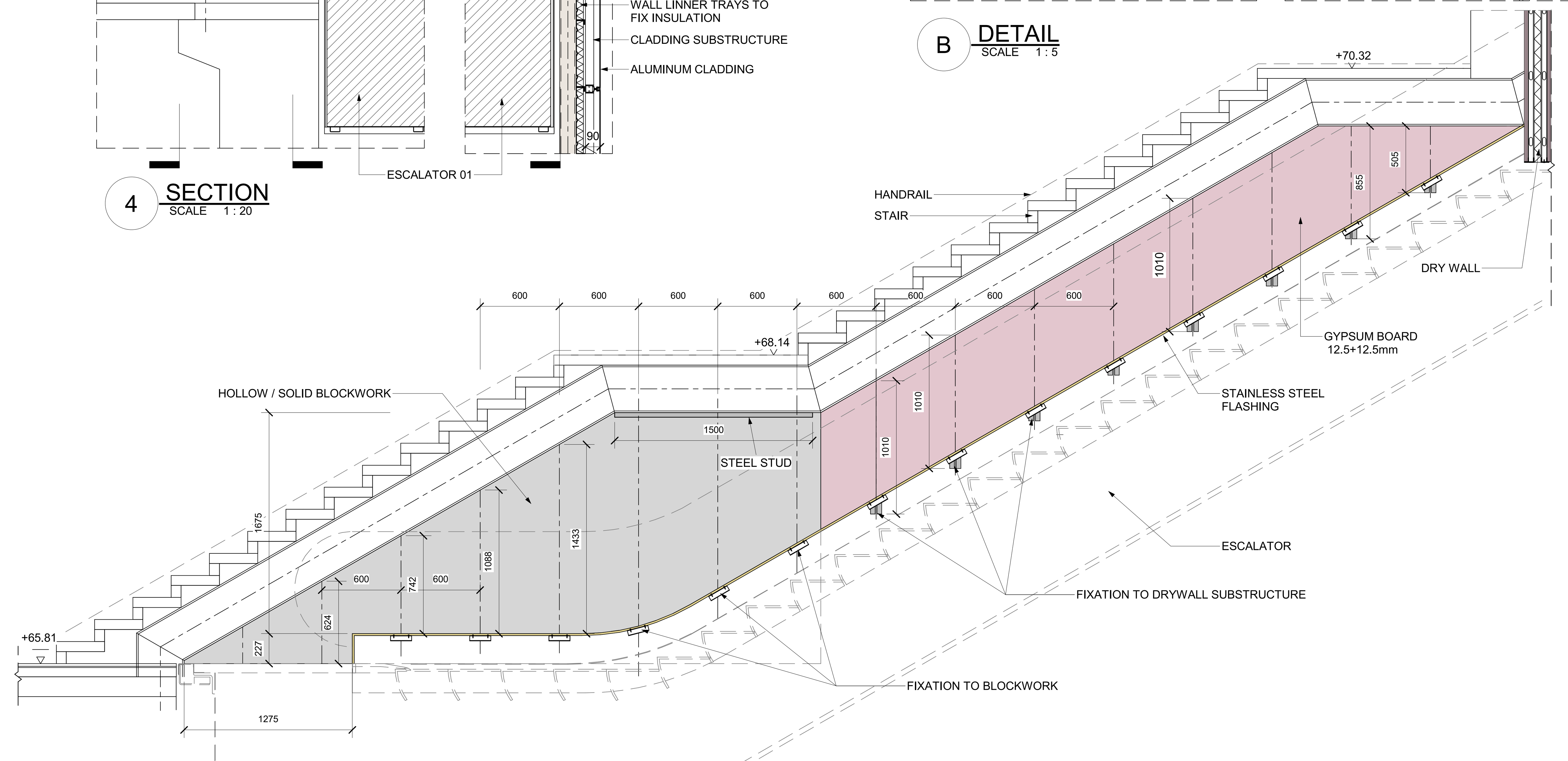
4 SECTION
SCALE 1 : 20



A DETAIL
SCALE 1 : 5



B DETAIL
SCALE 1 : 5



C STAIR ESCALATOR ENCLOSURE. ELEVATION DETAIL
SCALE 1 : 25

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* PROTECTION SYSTEMS TO COMPLY WITH EN115-1 TO BE PROVIDED BY SPECIALIST SUPPLIER

REFERENCE DRAWINGS :

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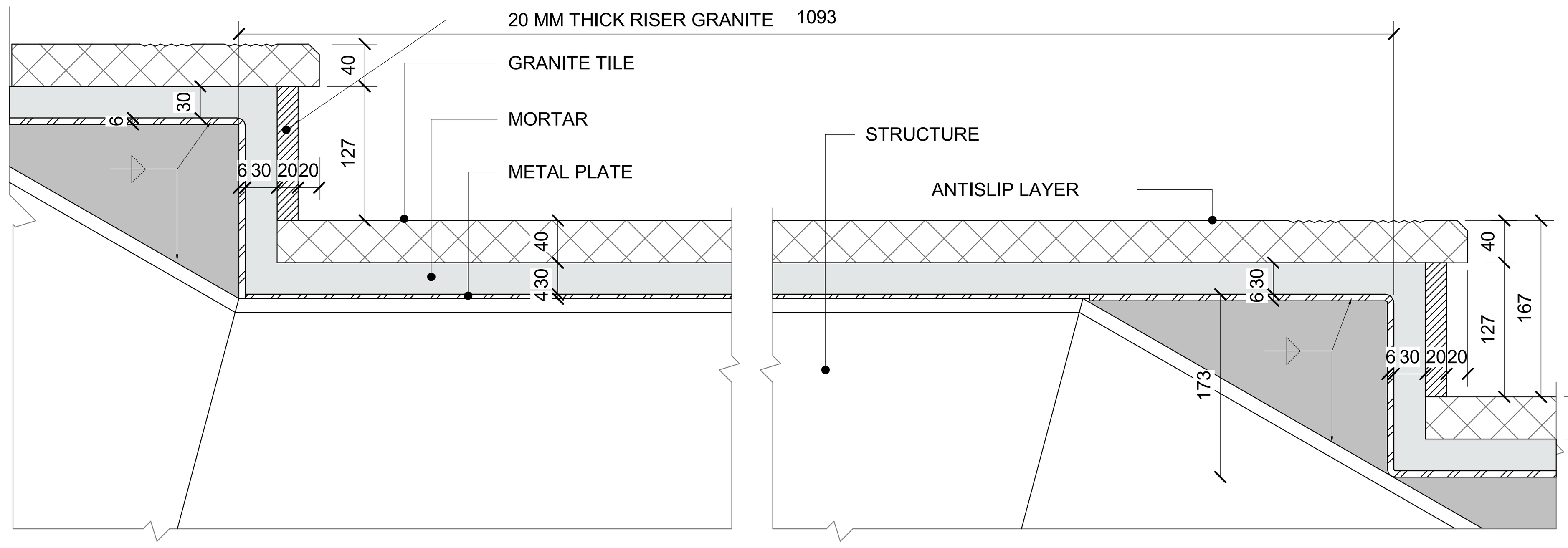
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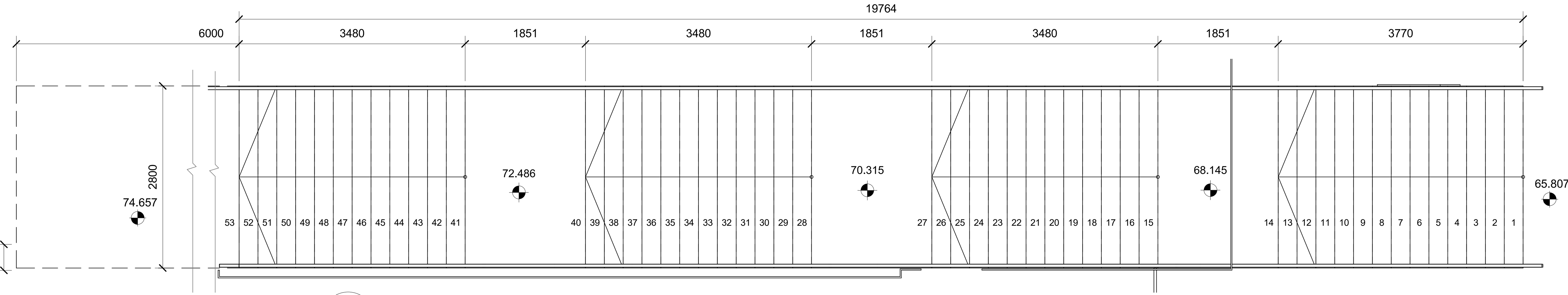
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ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.STAIR & ESCALATOR ENCLOUSURE DETAILS

Page: 1 of 1

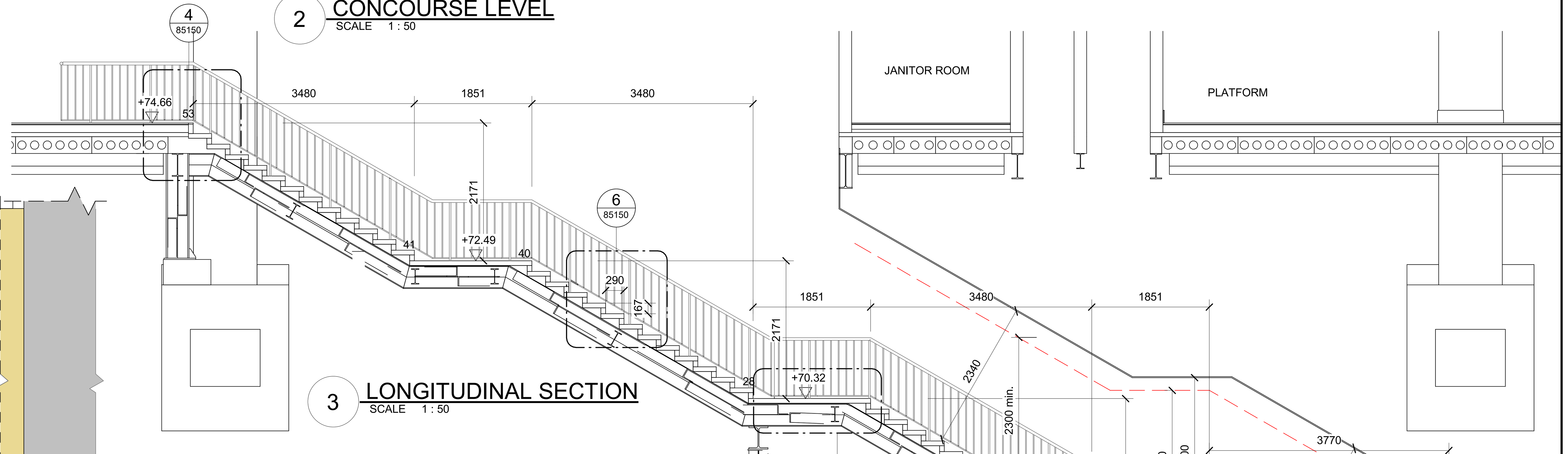
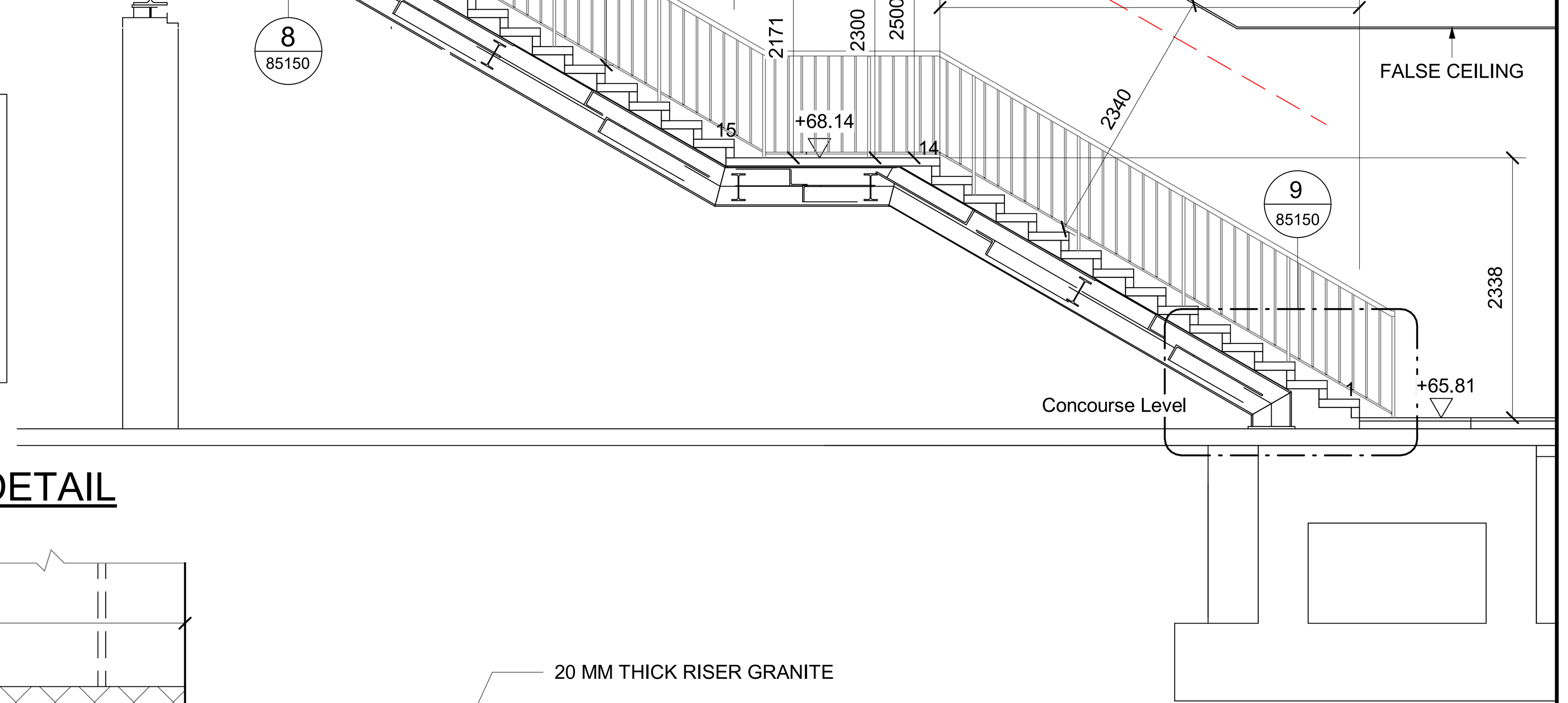
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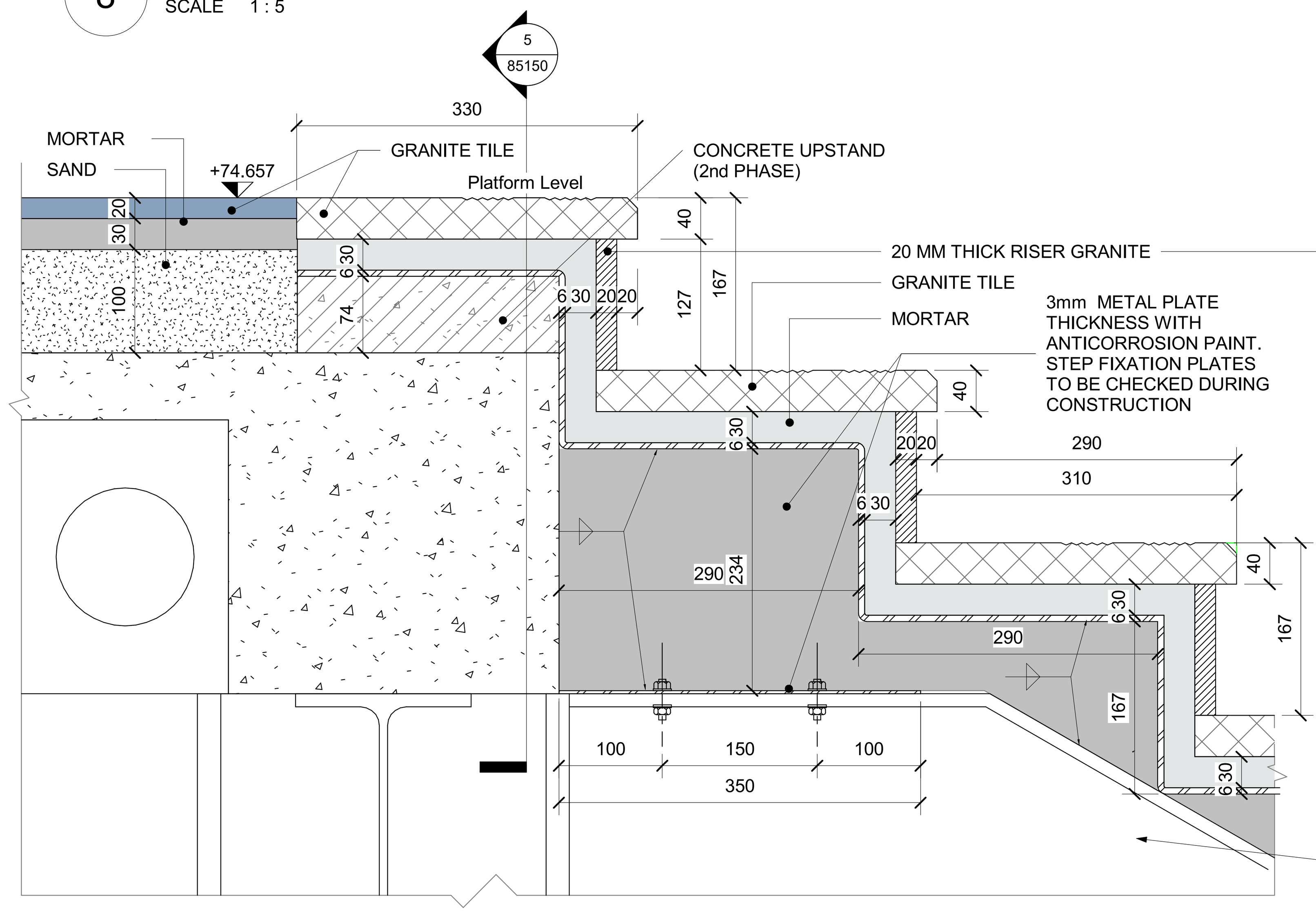
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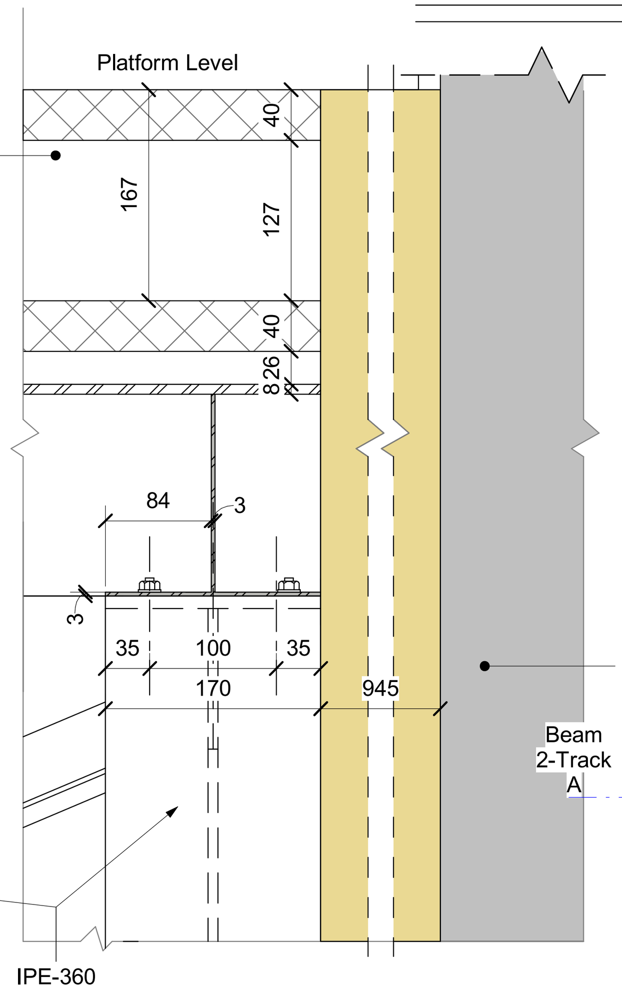
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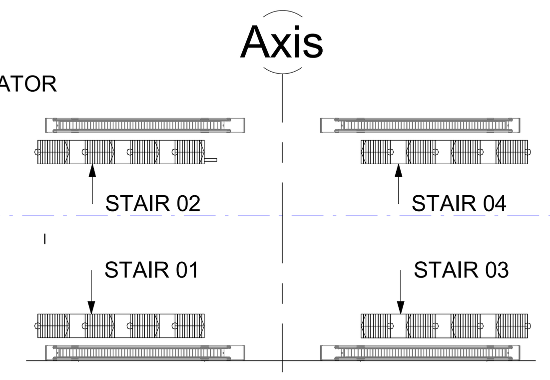
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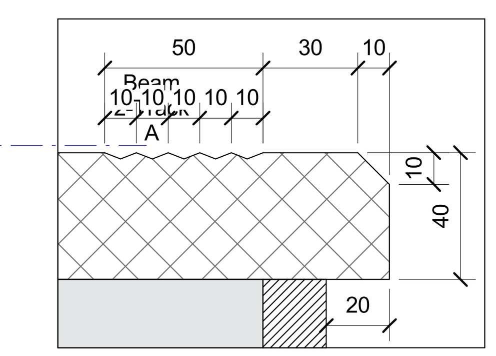
4 DETAIL UP STAIR
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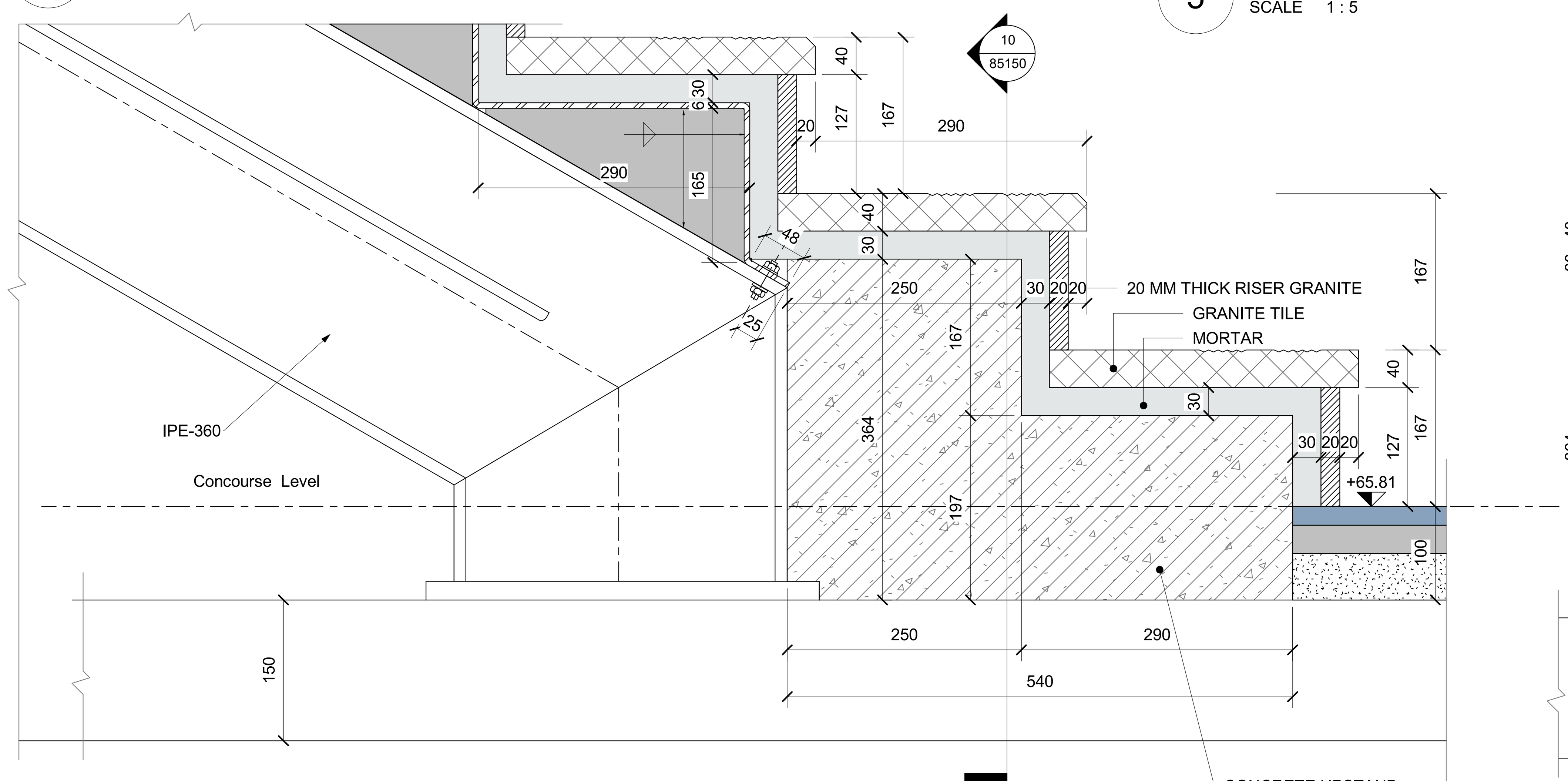
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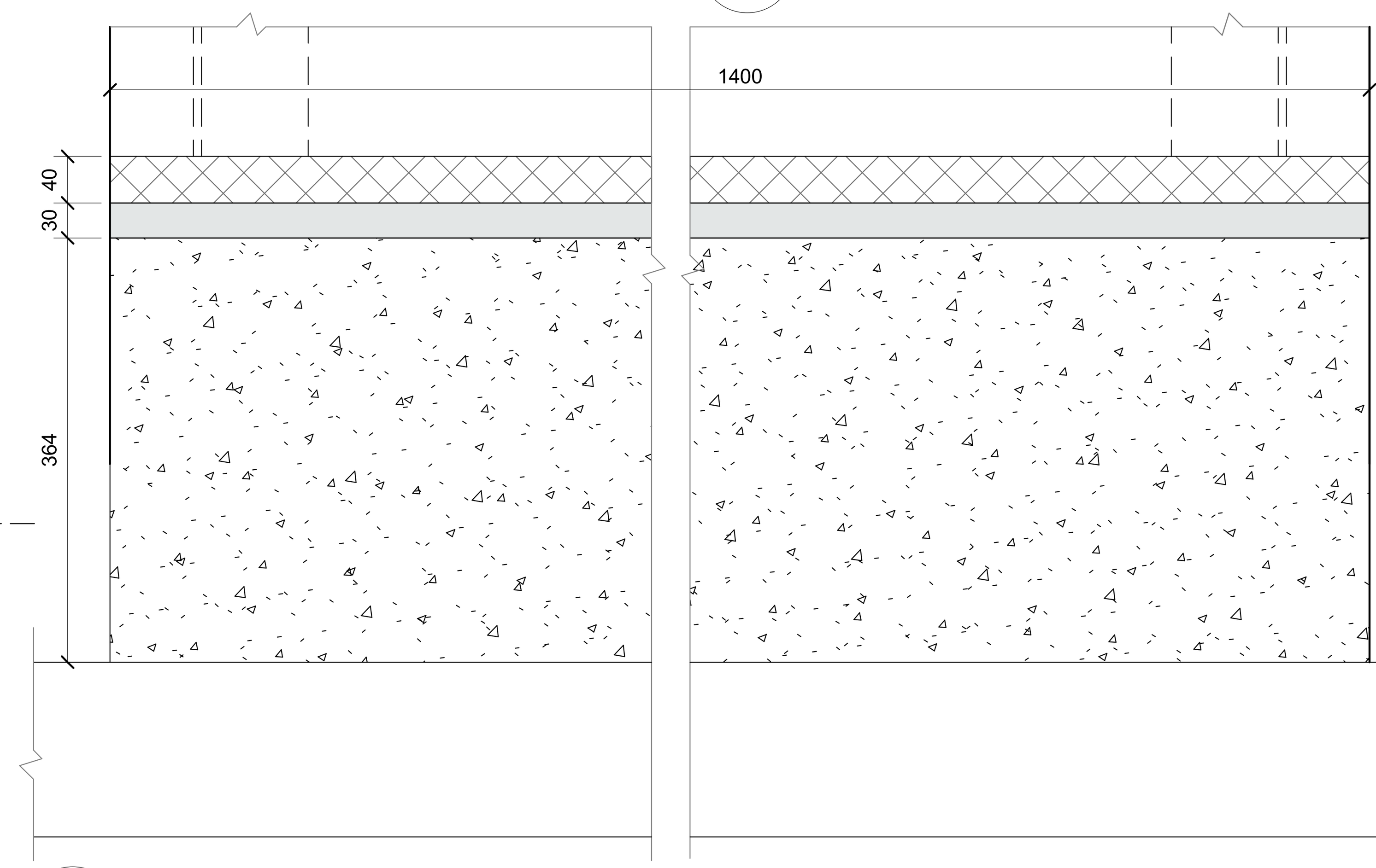
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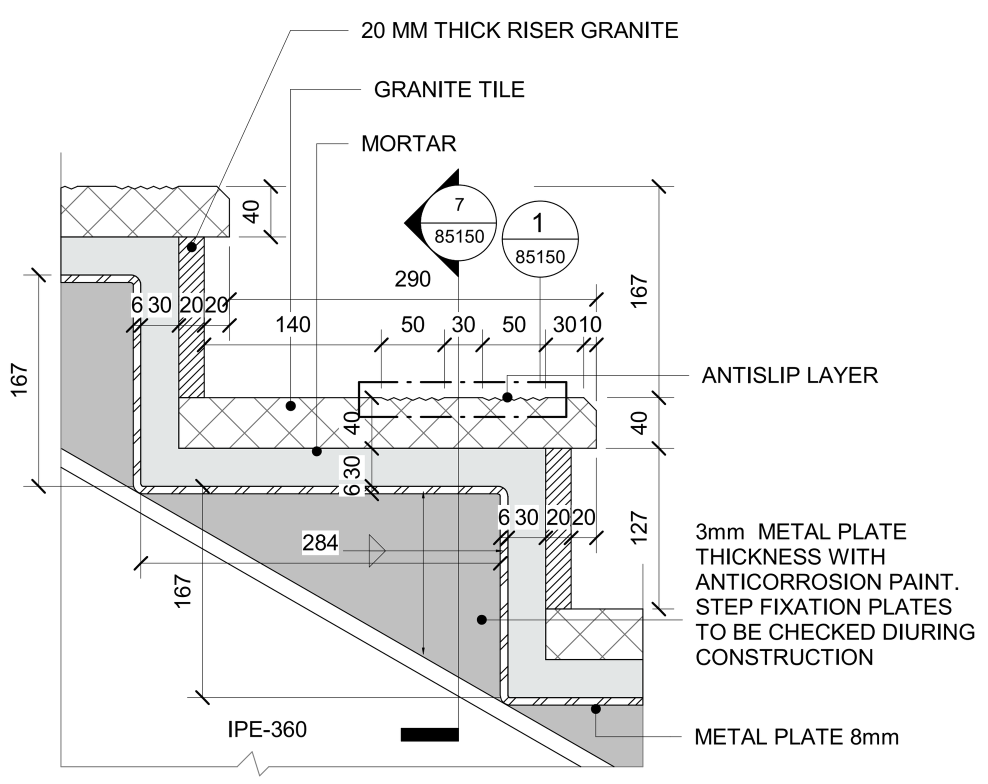
11 GRANITE TREAD DETAIL
SCALE 1 : 2



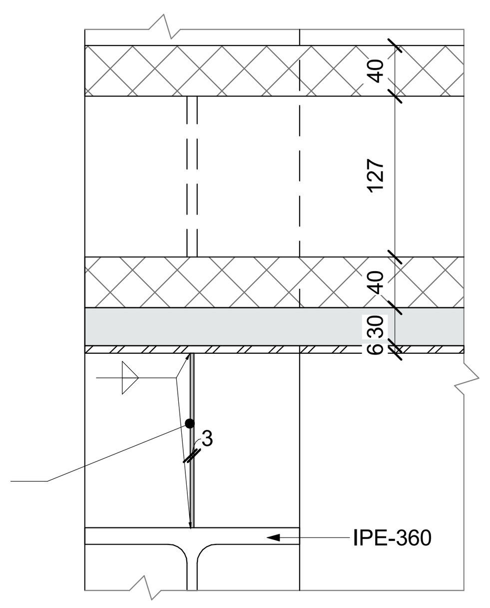
9 DETAIL LOWER STAIR
SCALE 1 : 5



10 DETAIL LOWER STAIR FRONT
SCALE 1 : 5



6 DETAIL STEP
SCALE 1 : 5



7 DETAIL STEP
SCALE 1 : 5

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- 93M-0407-SEN-000PW-END-53700
- 93M-0401-SEN-000PW-END-53680
- 93M-0401-SEN-000PW-END-53683
- 93M-0401-SEN-000PW-END-53684
- 93M-0401-SEN-000PW-END-53685
- 93M-0407-SEN-000PW-END-53650

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SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

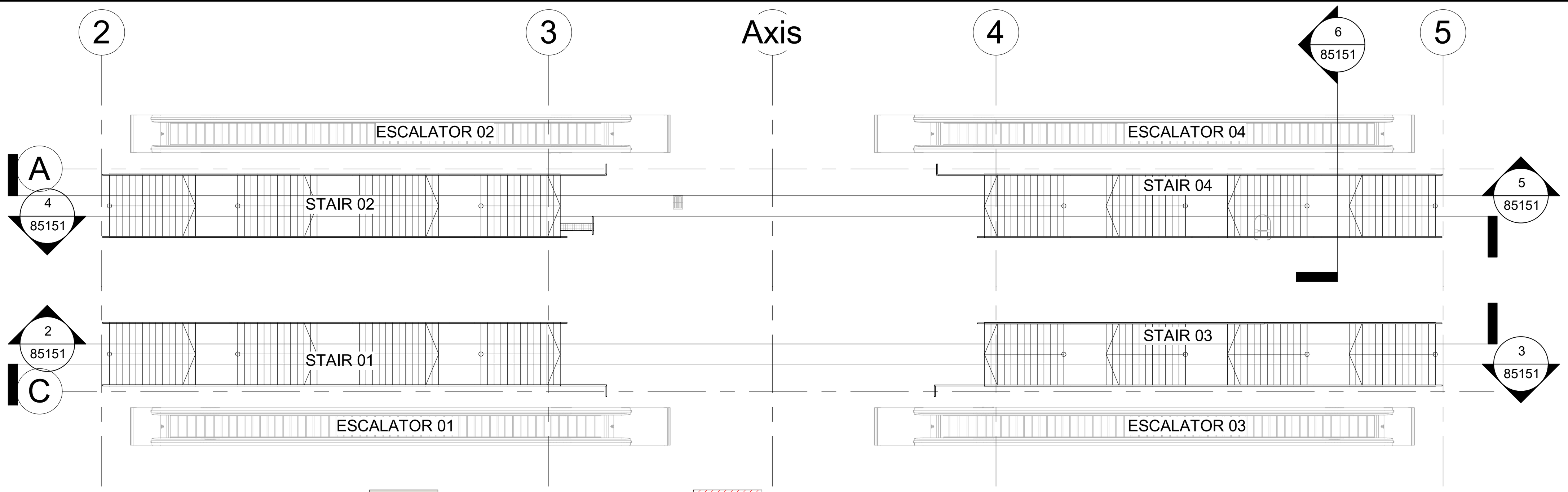
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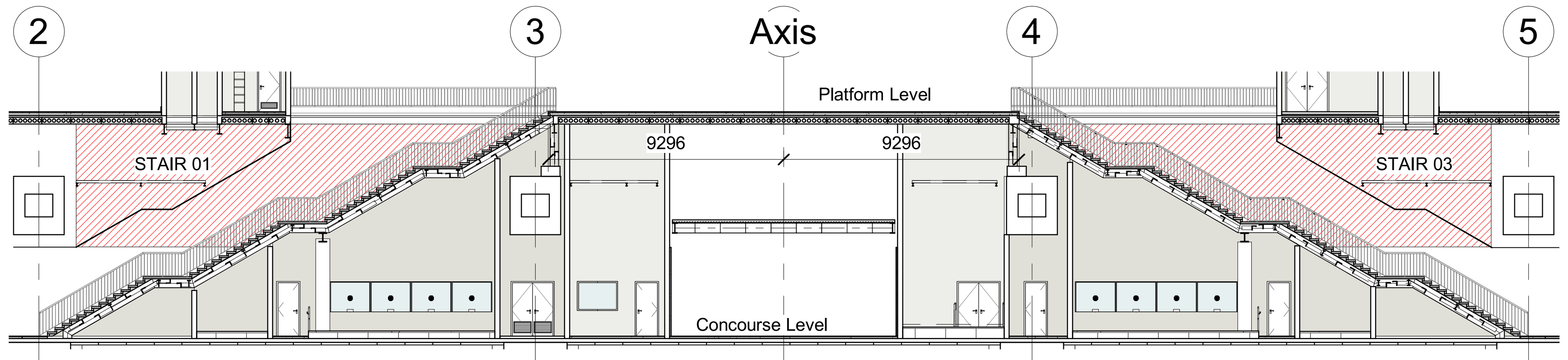
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ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.STAIR DETAILS CONCOURSE

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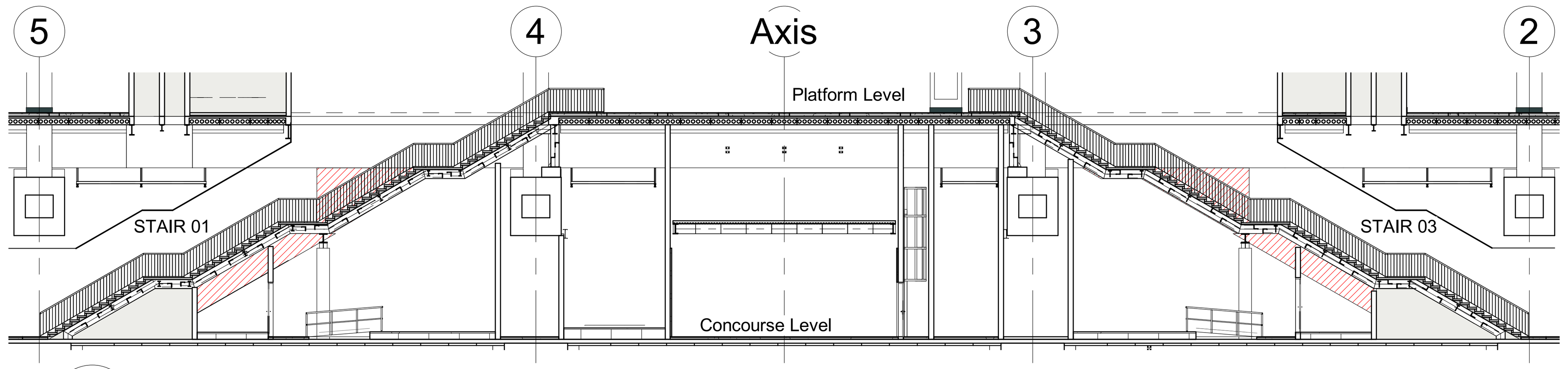
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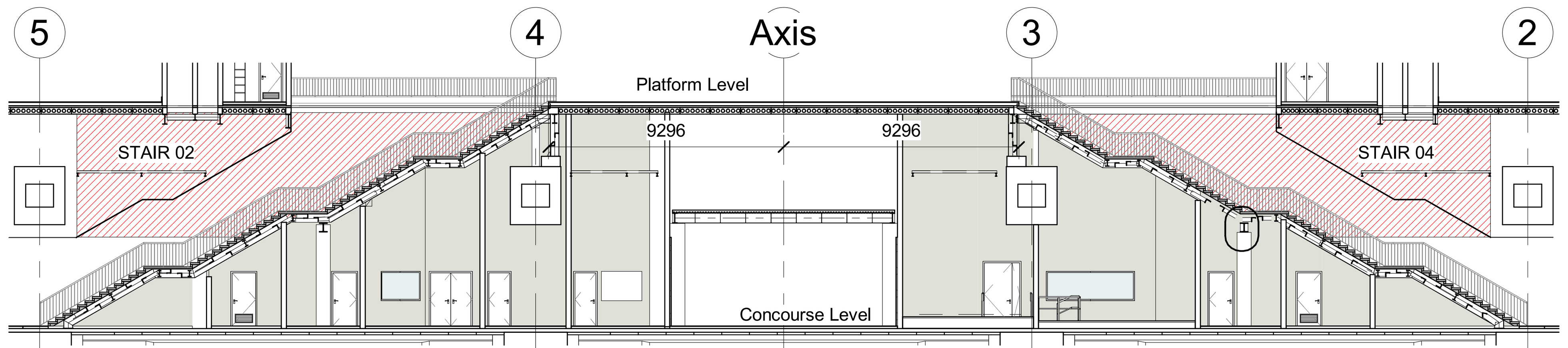
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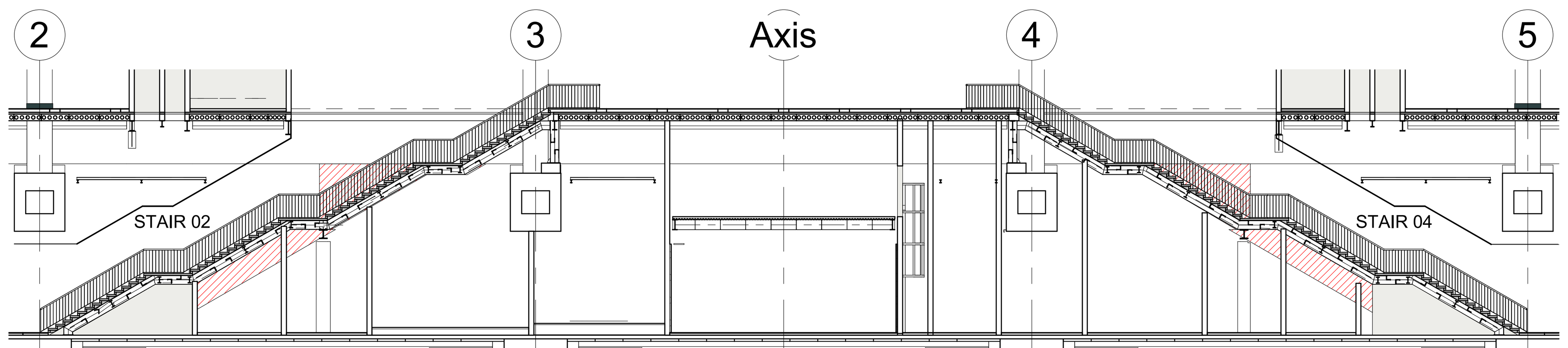
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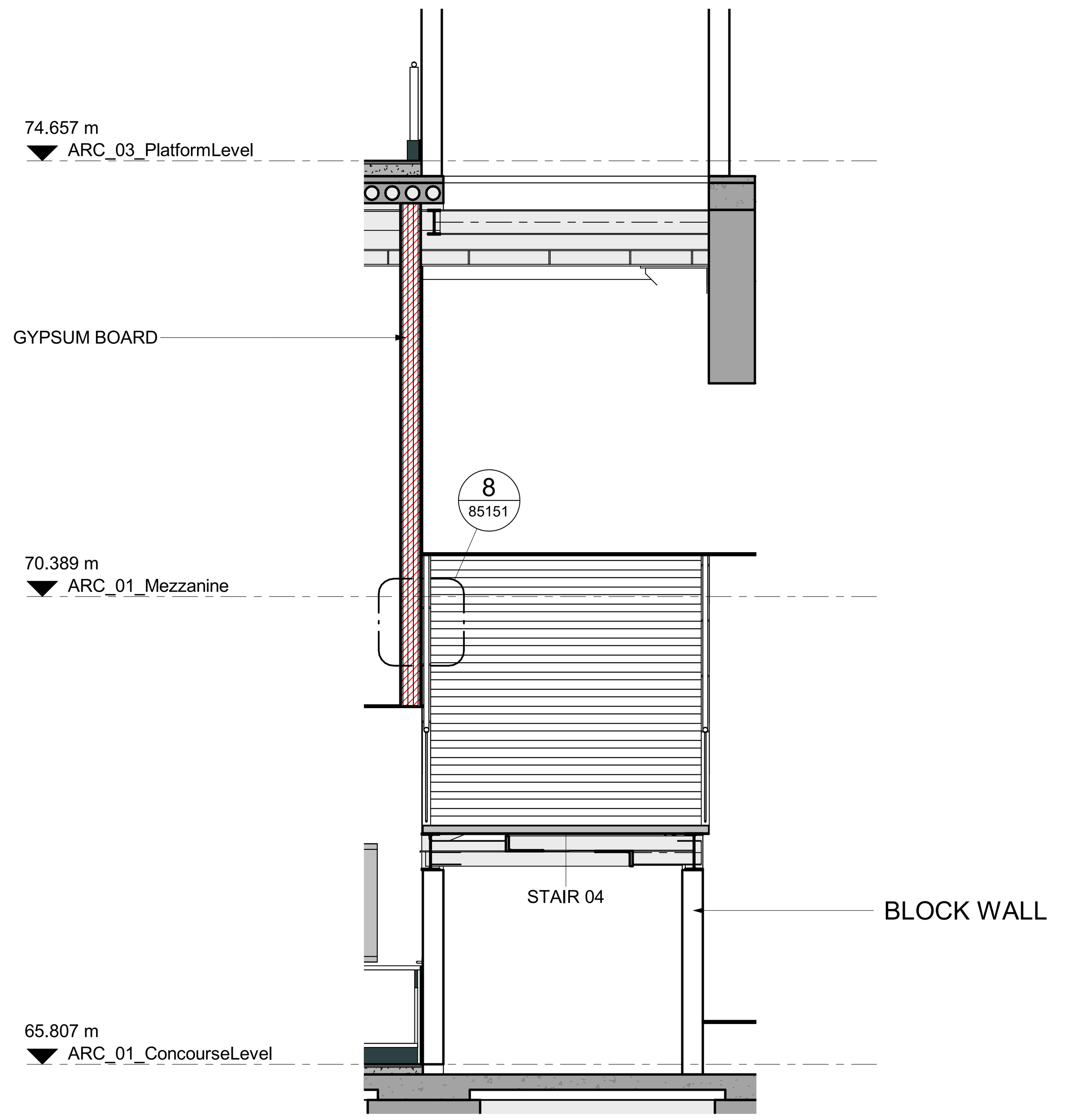
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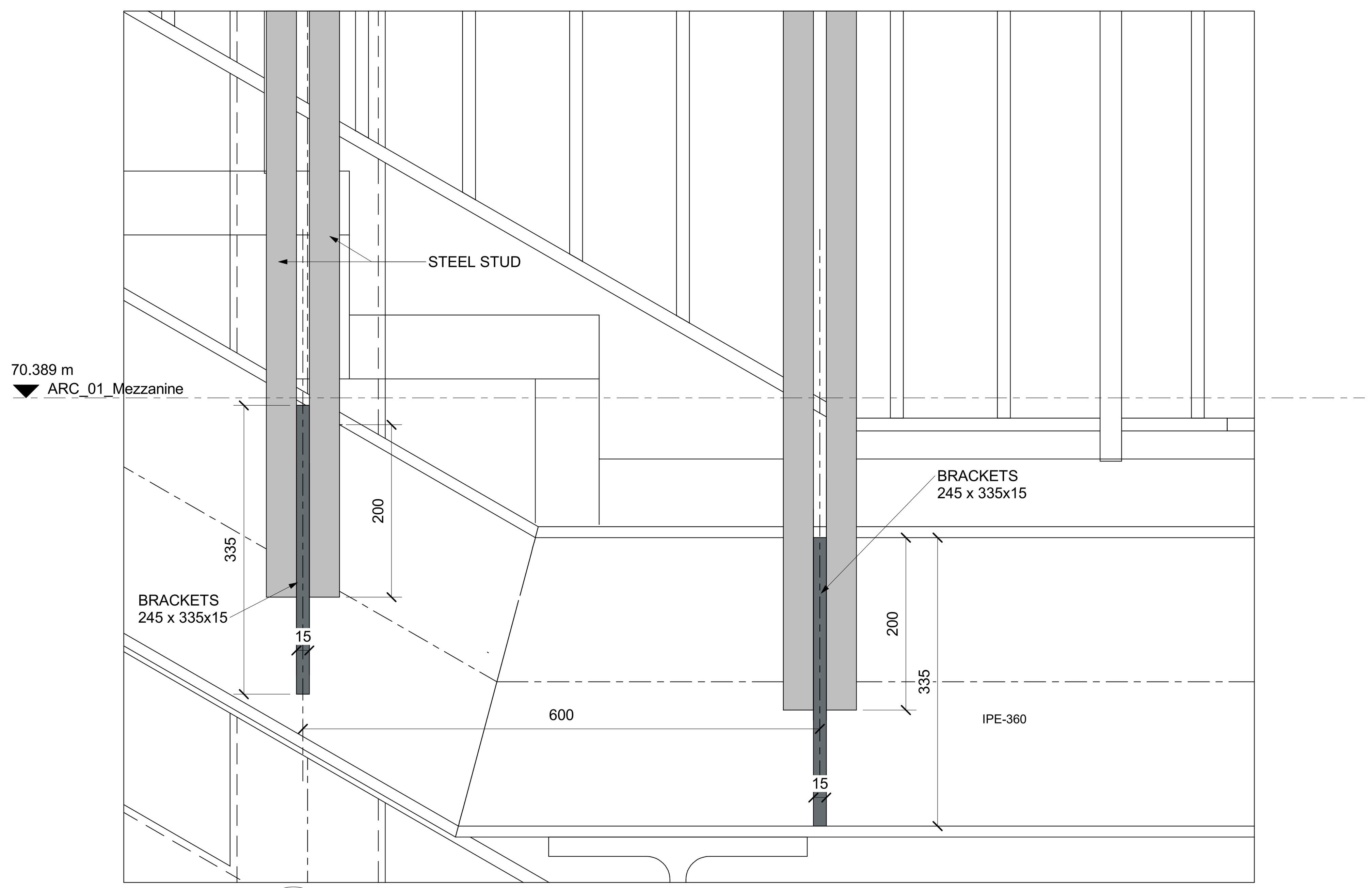
4 SECTION
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5 SECTION
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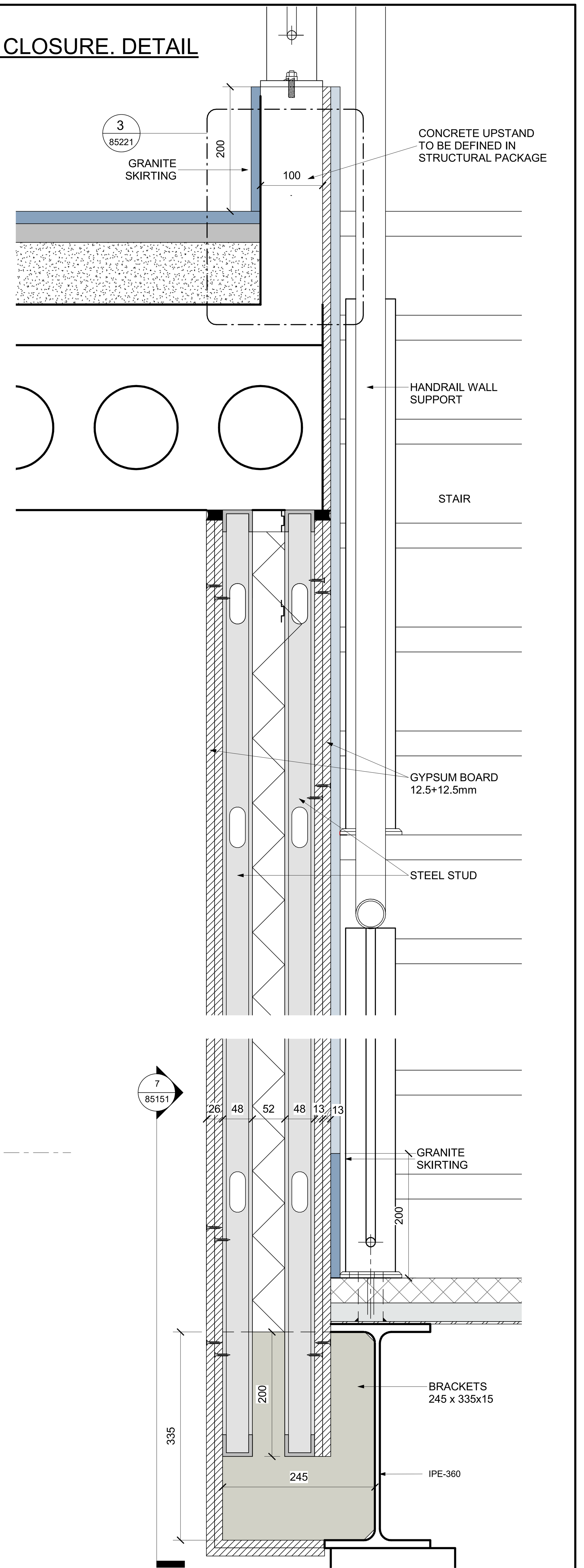


6 SECTION
SCALE 1 : 50



7 ELEVATION
SCALE 1 : 5

8 GYPSUM BOARD CLOSURE. DETAIL
SCALE 1 : 5



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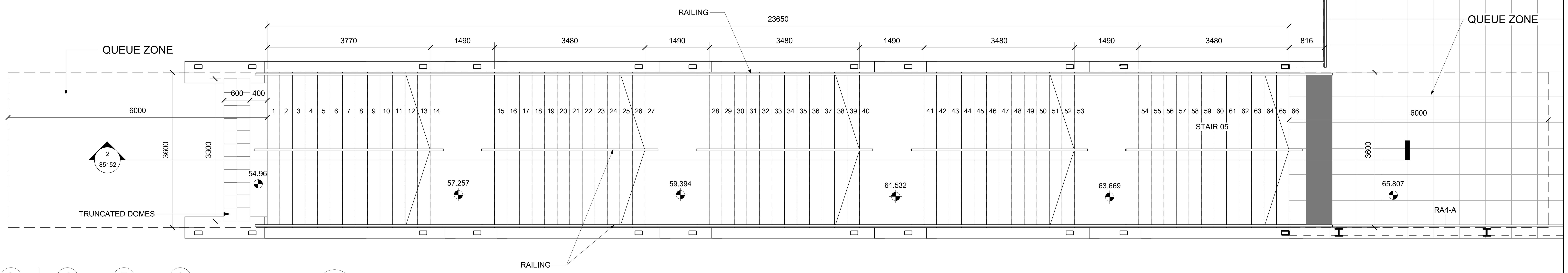
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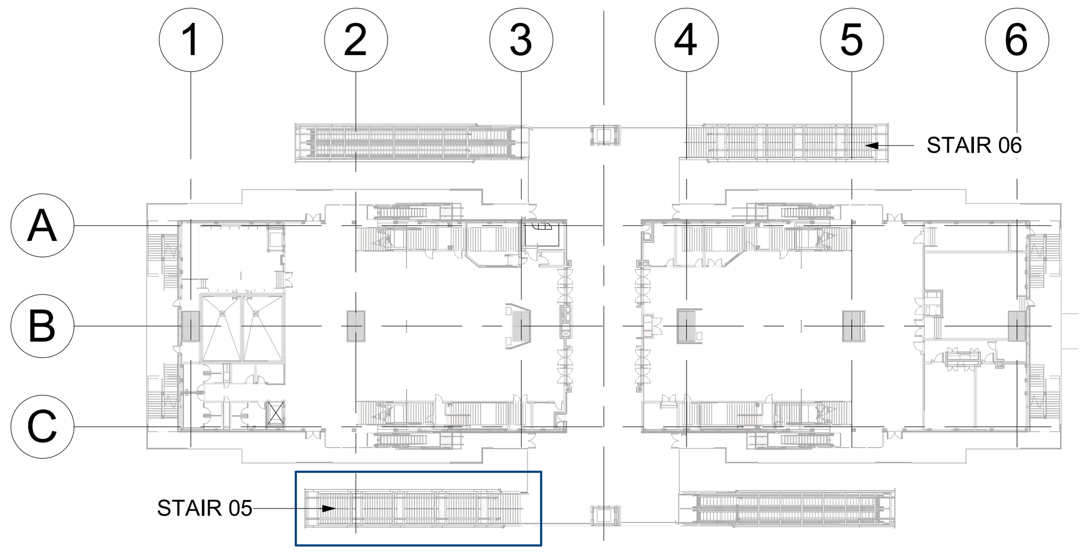
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DETAILED DESIGN
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CLOSED STATION PROTOTYPE 3.STAIR ENCLOUSURE DETAILS

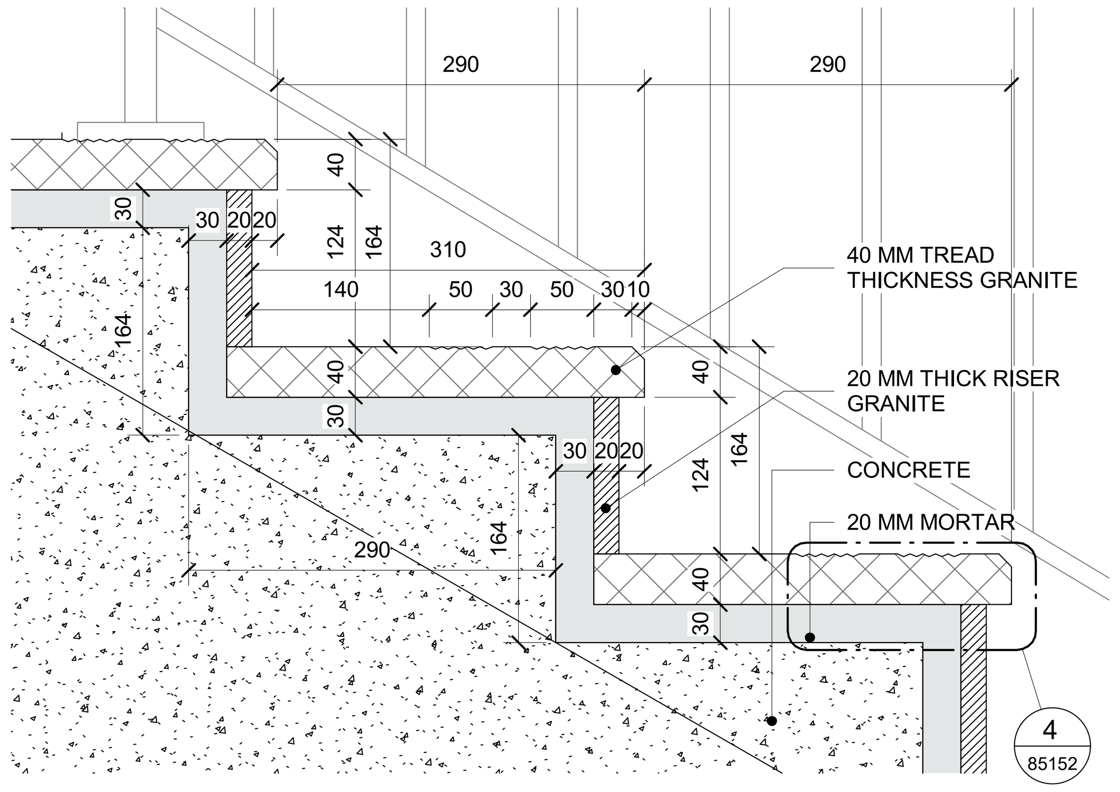
Page: 1 of 1

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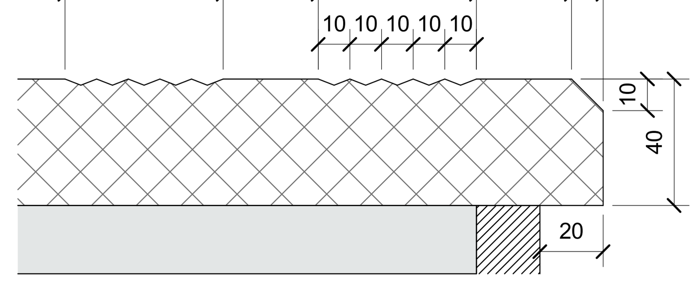


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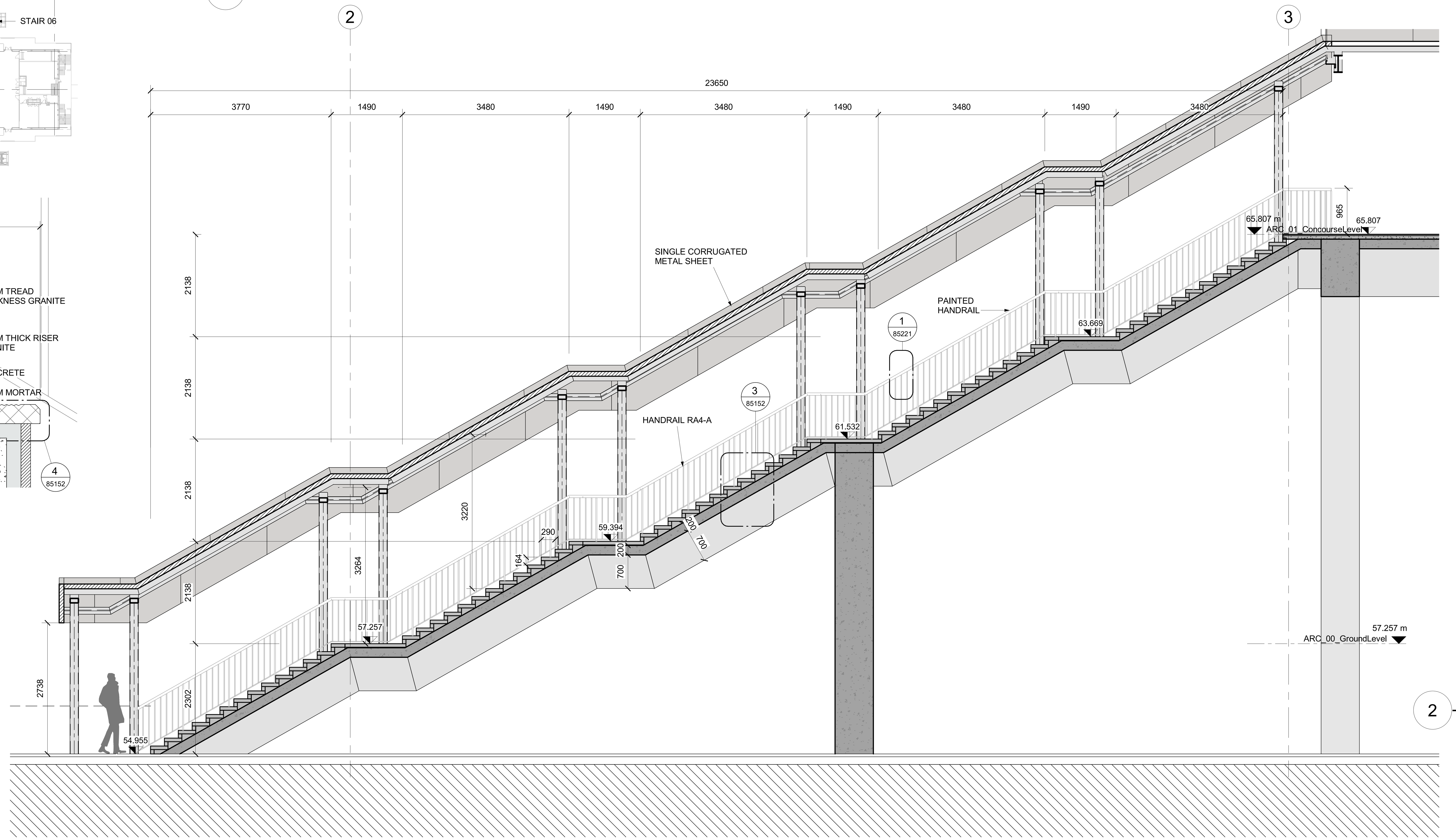




3 CONCRETE STAIR DETAIL
SCALE 1 : 5



4 GRANITE TREAD DETAIL
SCALE 1 : 2



2 SECTION
SCALE 1 : 50

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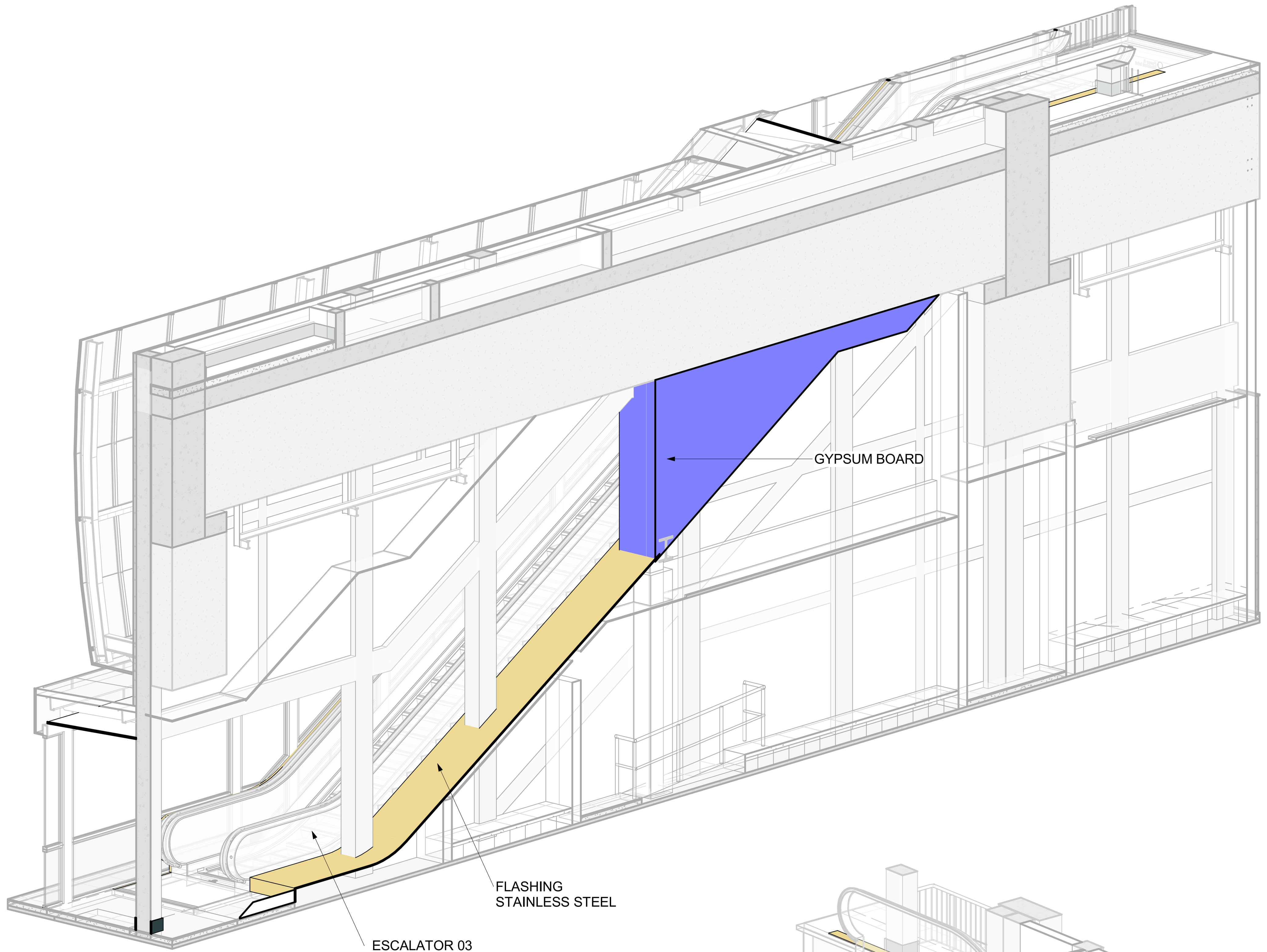
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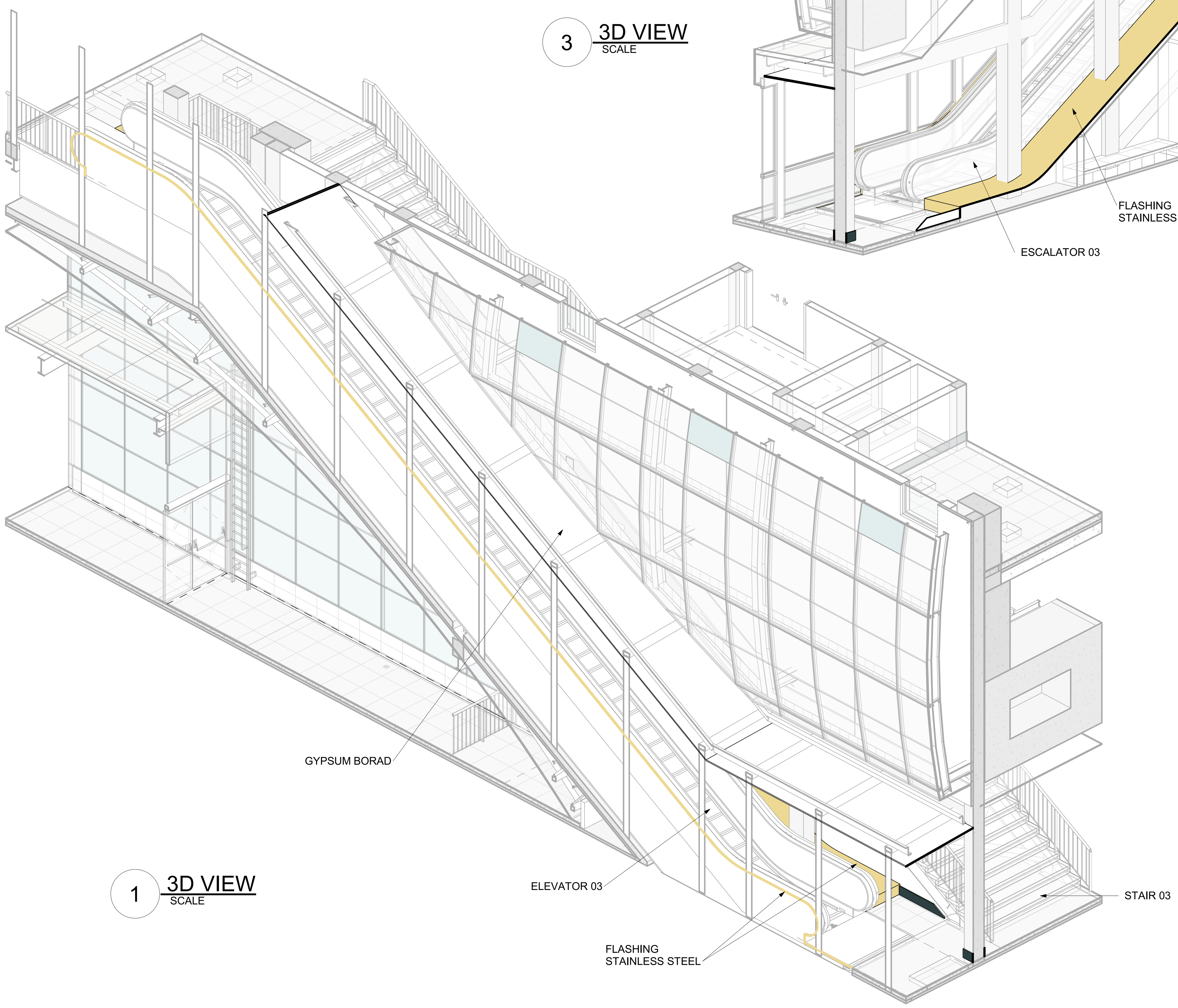
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DETAILED DESIGN
ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.STAIR DETAILS BRIDGE

Page: 1 of 1

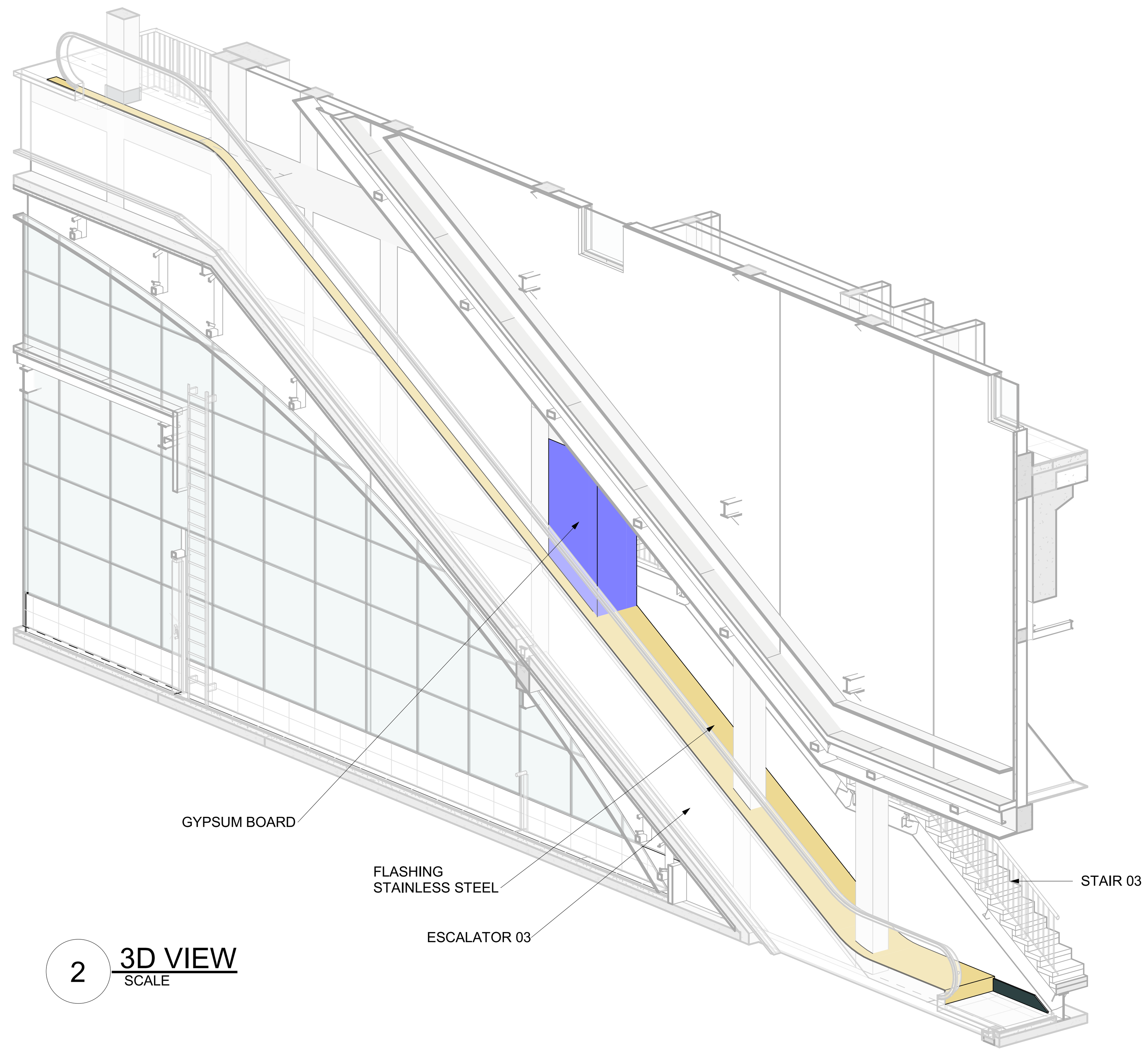
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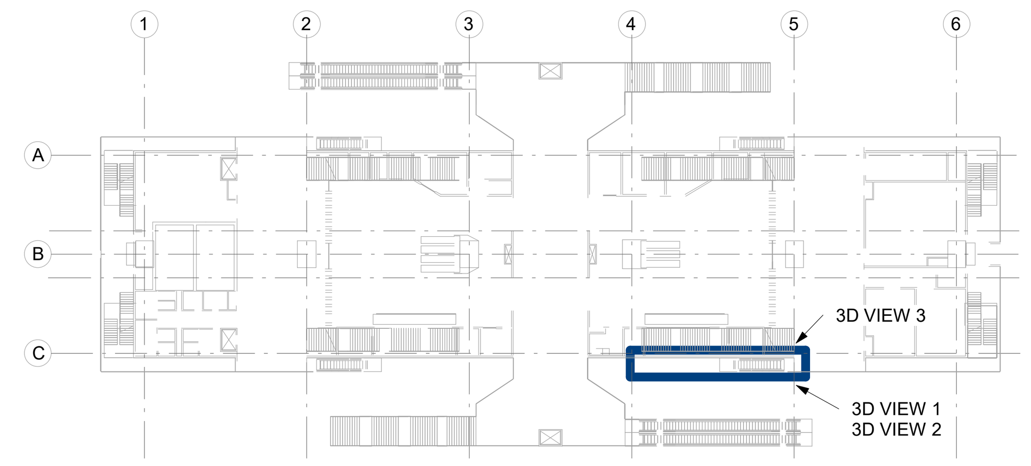
3 3D VIEW
SCALE



1 3D VIEW
SCALE



2 3D VIEW
SCALE



NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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KEY PLAN :

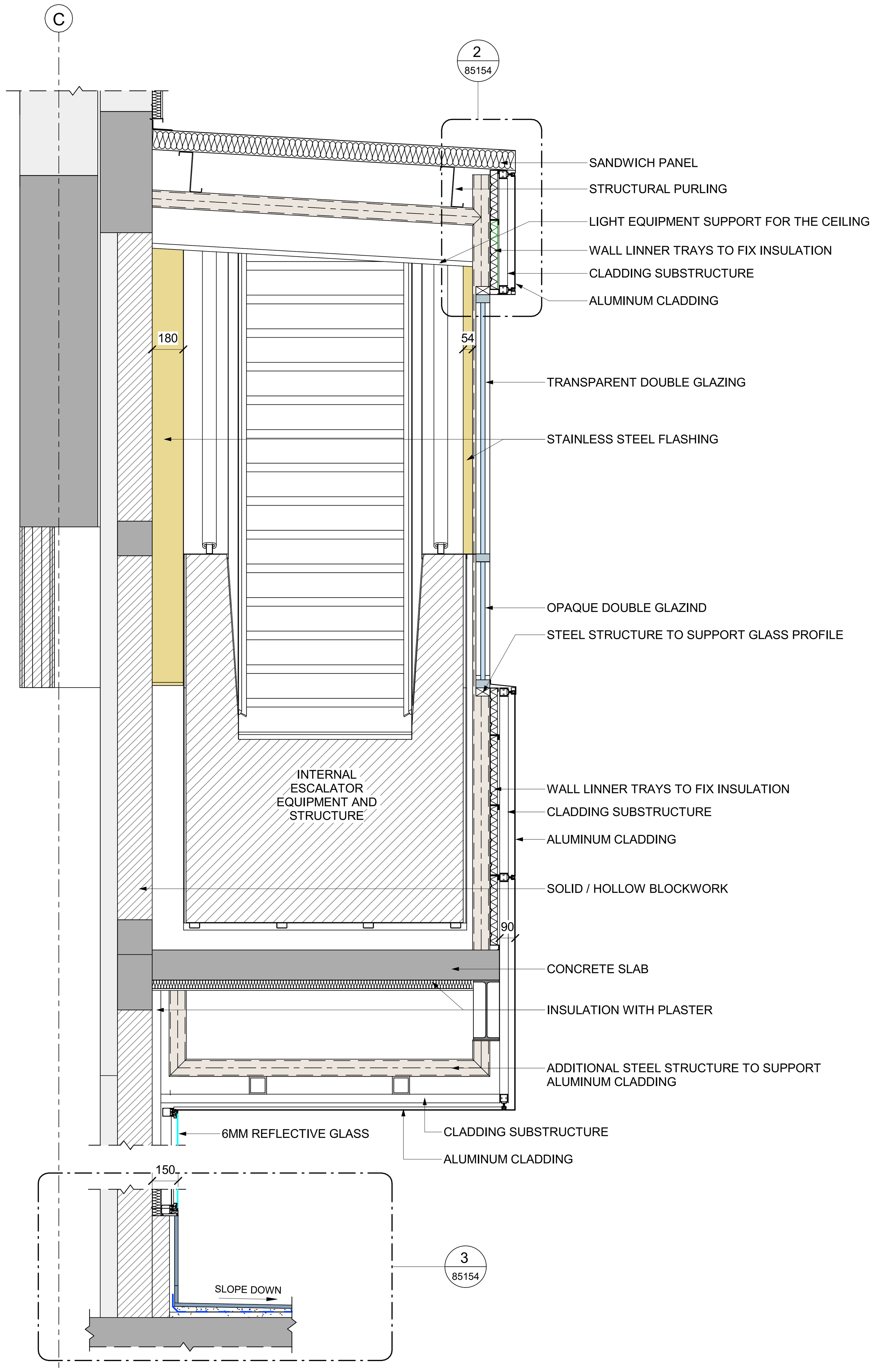
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SCALE :
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
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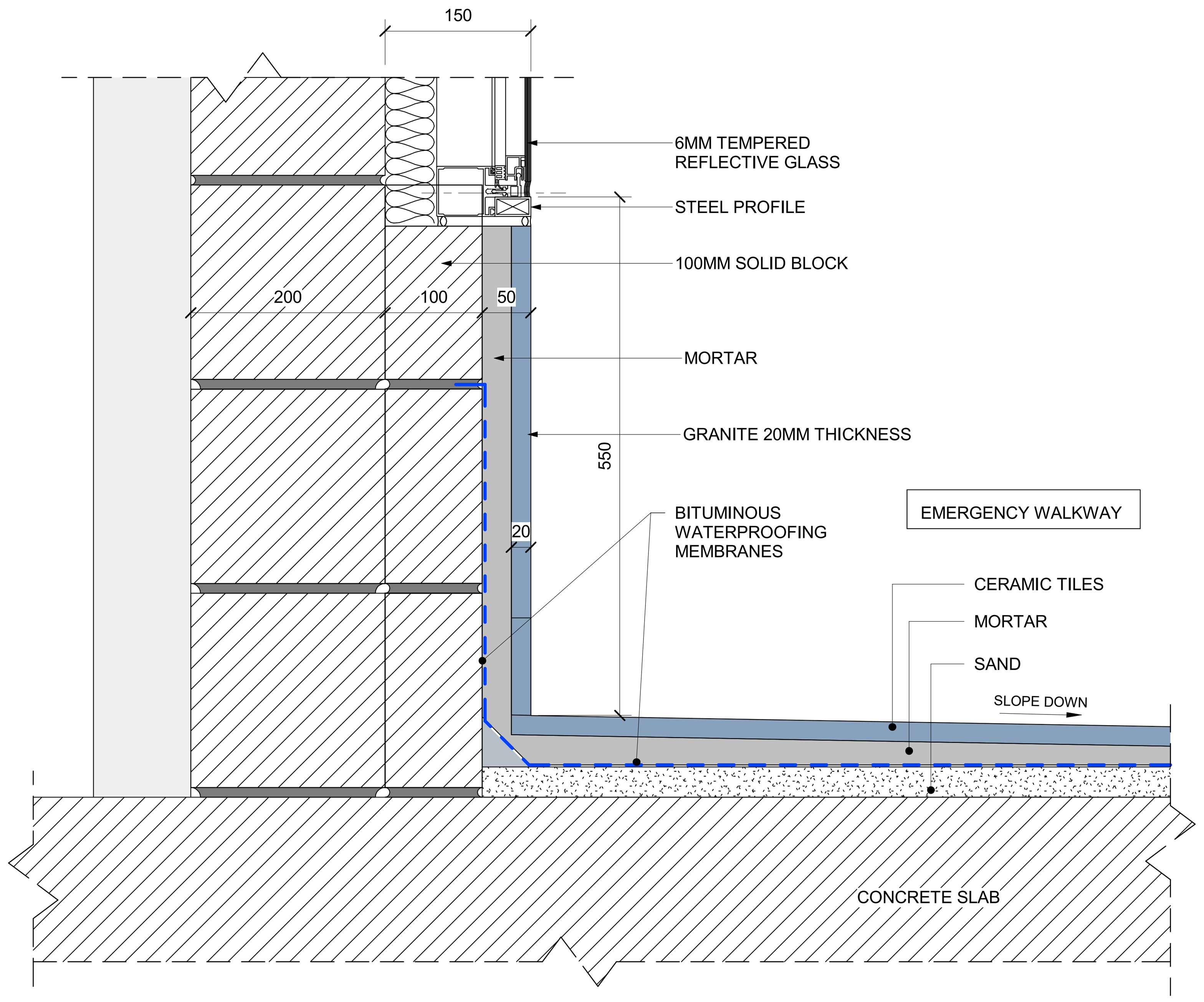
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ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.STAIR & ESCALATOR ENCLOUSURE DETAILS

Page: 1 of 1

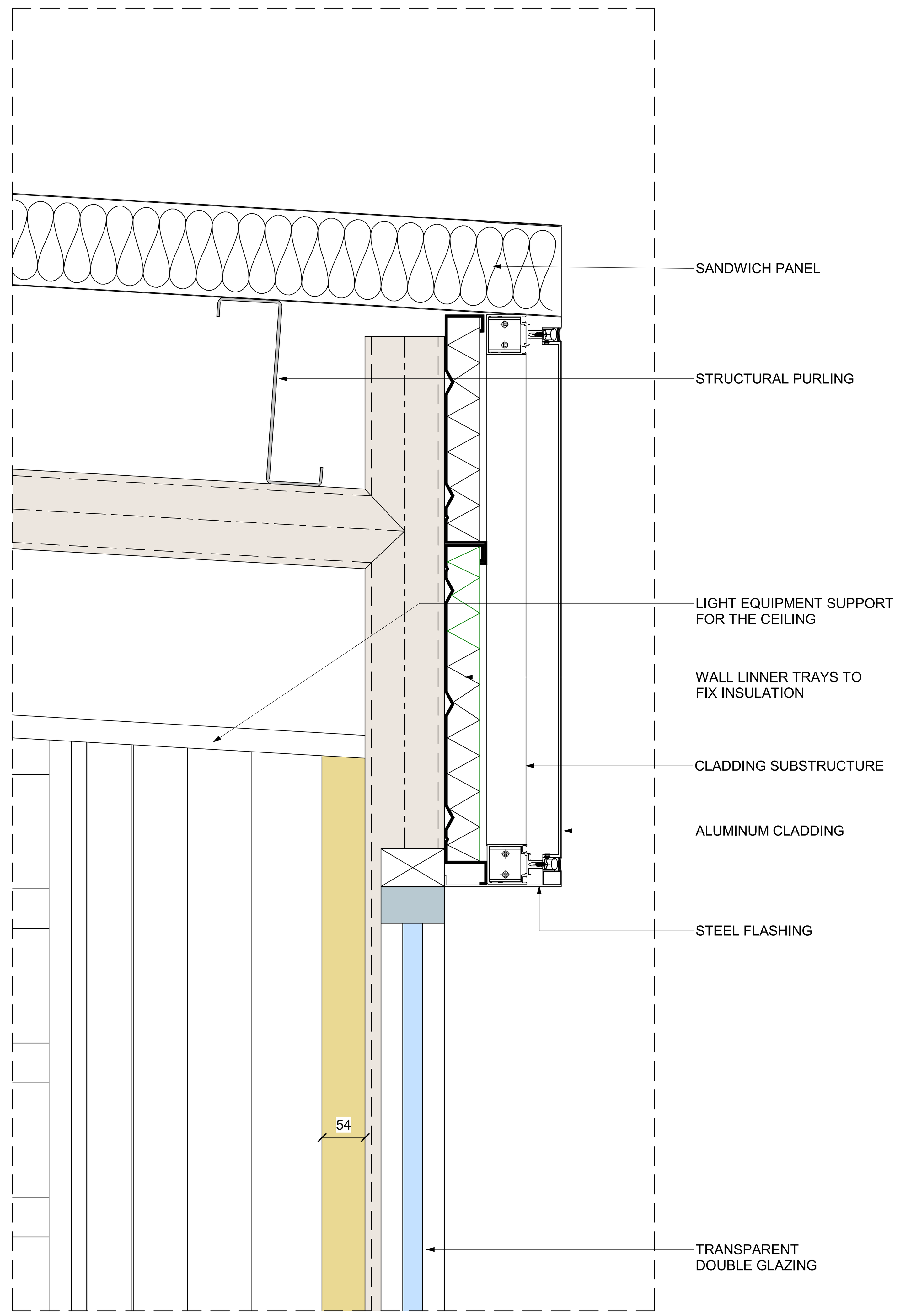
Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85153	A



1 ESCALATOR ENCLOSURE DETAIL
SCALE 1 : 20



3 DETAIL
SCALE 1 : 5



2 DETAIL
SCALE 1 : 5

NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.STAIR & ESCALATOR ENCLOUSURE DETAILS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85154	A



NOTES :

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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0540-SHK-000PW-DDG-31017

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0403-SEN-000PW-END-53730 TO 93M-0403-SEN-000PW-END-53740
- 93M-0410-SEN-000PW-END-53035
- 93M-0410-SEN-000PW-END-53036
- 93M-0403-SEN-000PW-END-53305
- 93M-0404-SEN-000PW-END-53373

-TYPICAL FLOOR CLEAN OUT DETAIL
-FLOOR DRAIN DETAIL

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL


DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
FINISHING PLANS
CLOSED STATION PROTOTYPE 3.STANDARD FLOOR DETAILS

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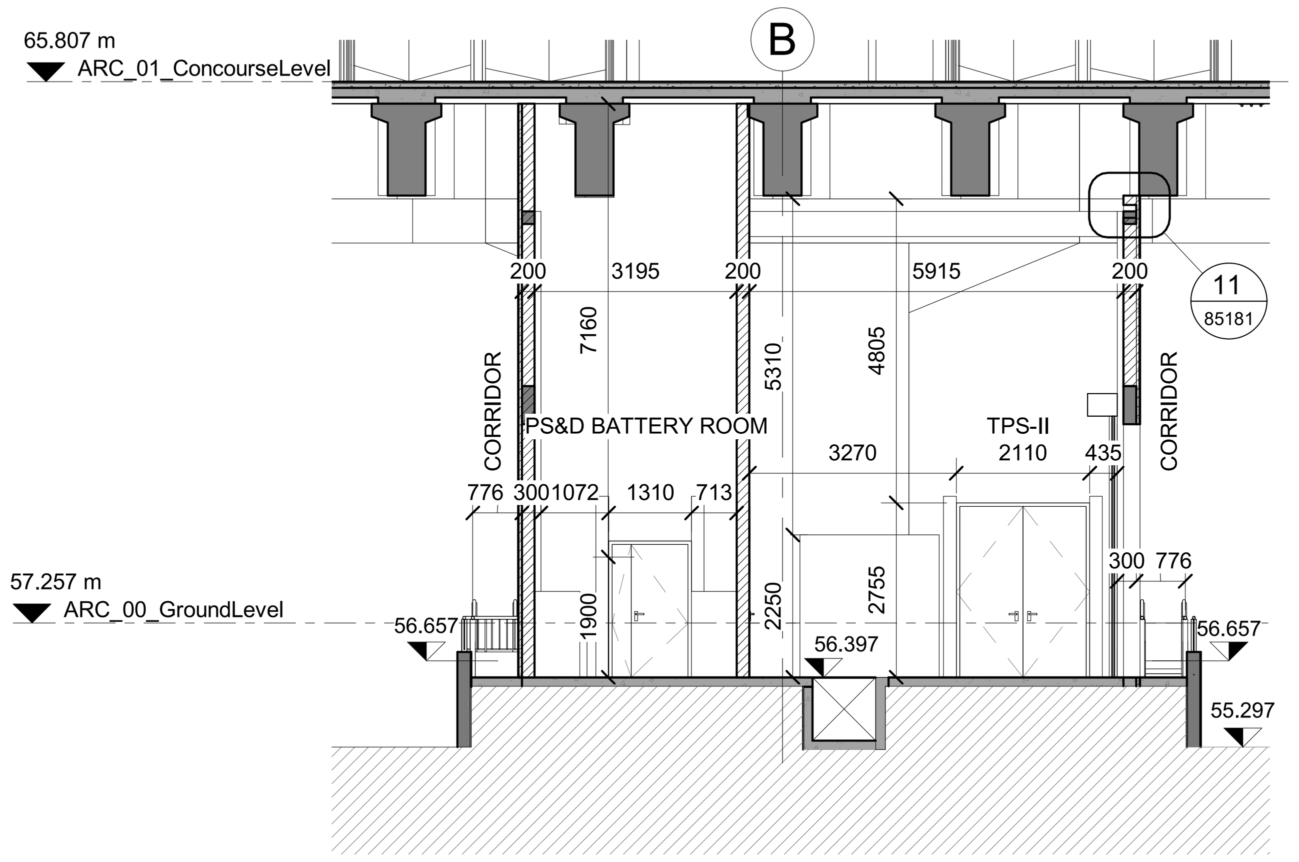
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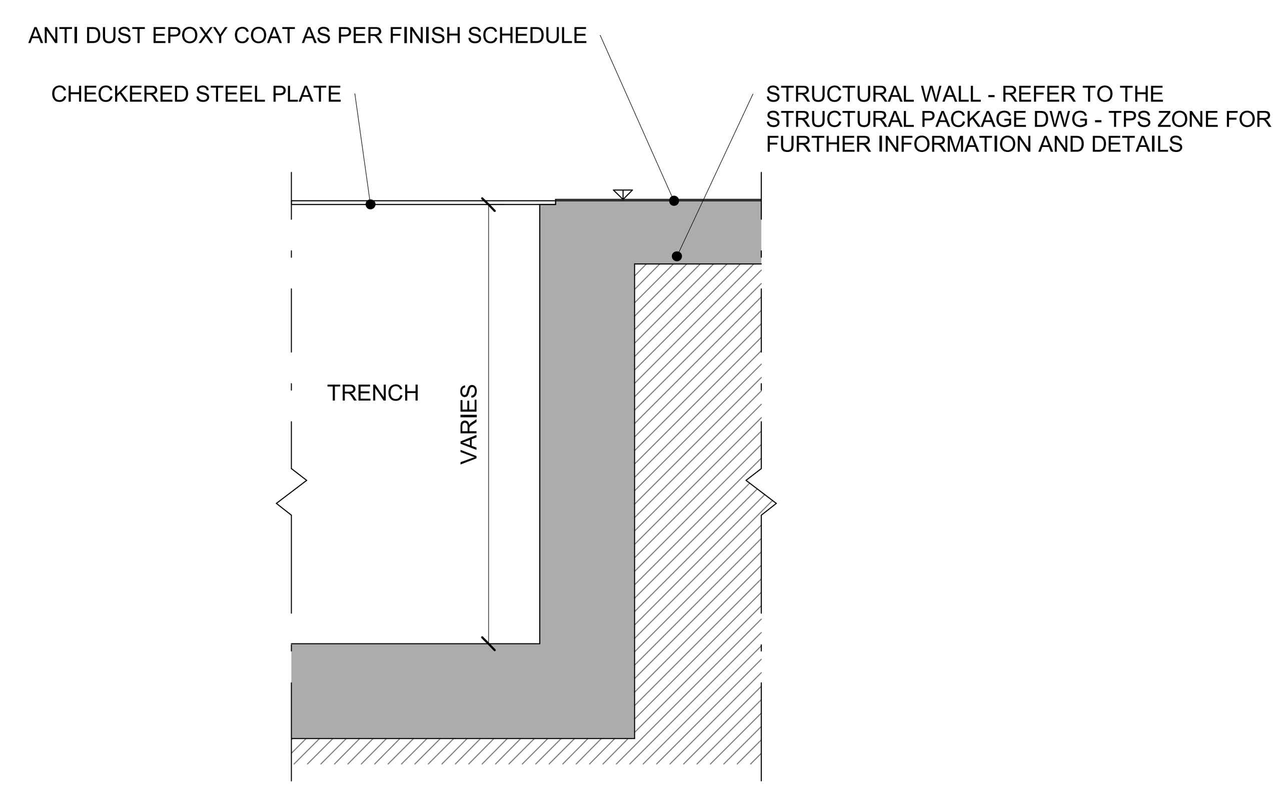
1 GROUND LEVEL
SCALE 1 : 150



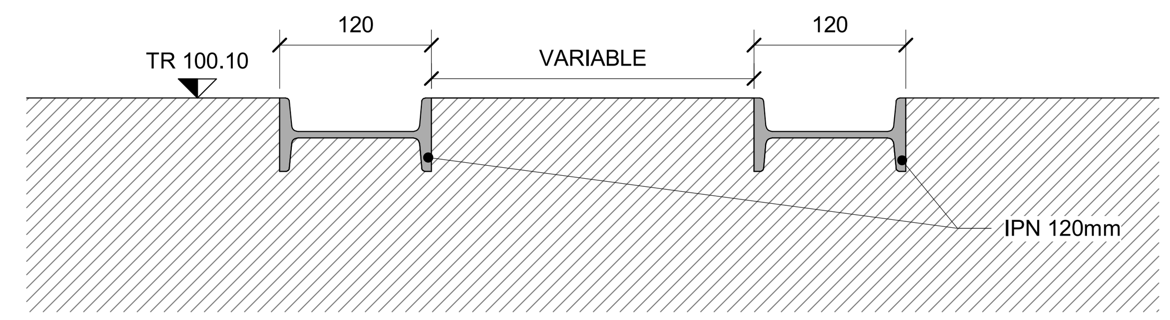
2 LONGITUDINAL SECTION
SCALE 1 : 150



3 CROSS SECTION
SCALE 1 : 100



5 TRENCH DETAIL
SCALE 1 : 10



4 TRENCH RAIL DETAIL
SCALE 1 : 5

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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0540-SHK-000PW-DDG-31017

DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0403-SEN-000PW-END-53730 TO 93M-0403-SEN-000PW-END-53740
- 93M-0410-SEN-000PW-END-53035
- 93M-0410-SEN-000PW-END-53036
- 93M-0403-SEN-000PW-END-53305
- 93M-0404-SEN-000PW-END-53373

REFERENCE DRAWINGS :

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KEY PLAN :

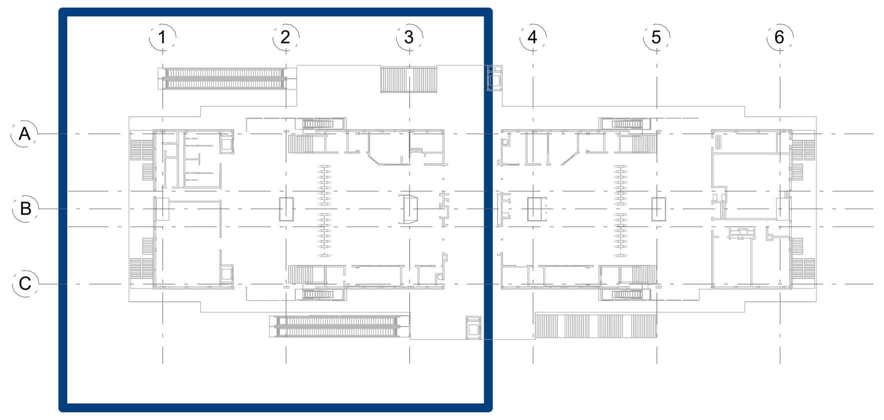
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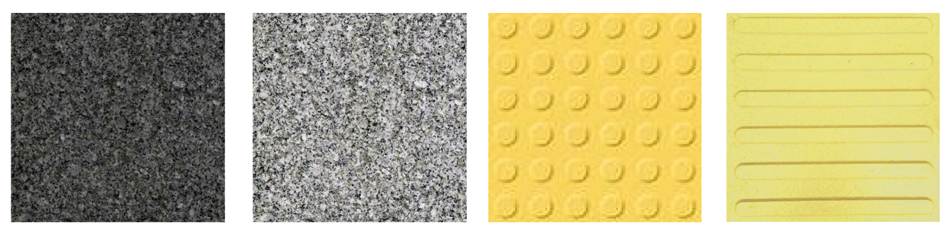
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A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
FINISHING PLANS
CLOSED STATION PROTOTYPE 3.TPS FLOOR DETAILS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
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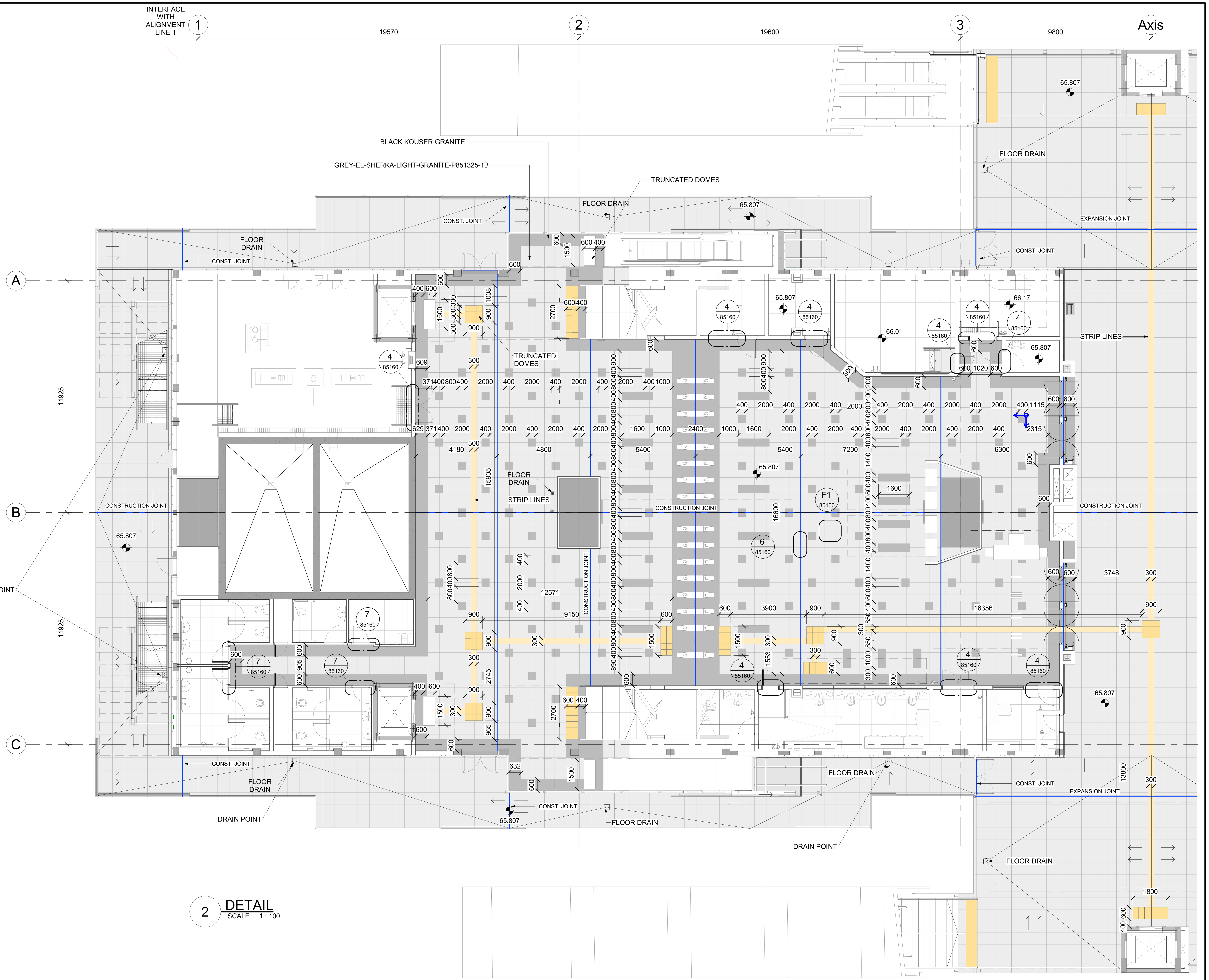
BLACK KOUSER GRANITE

GREY-EL-SHERKA-LIGHT-GRANITE-P851325-1B

TRUNCATED DOMES

STRIP LINES

CONSTRUCTION JOINT (100 m²)



2 DETAIL
SCALE 1 : 100

NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
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KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE : As indicated

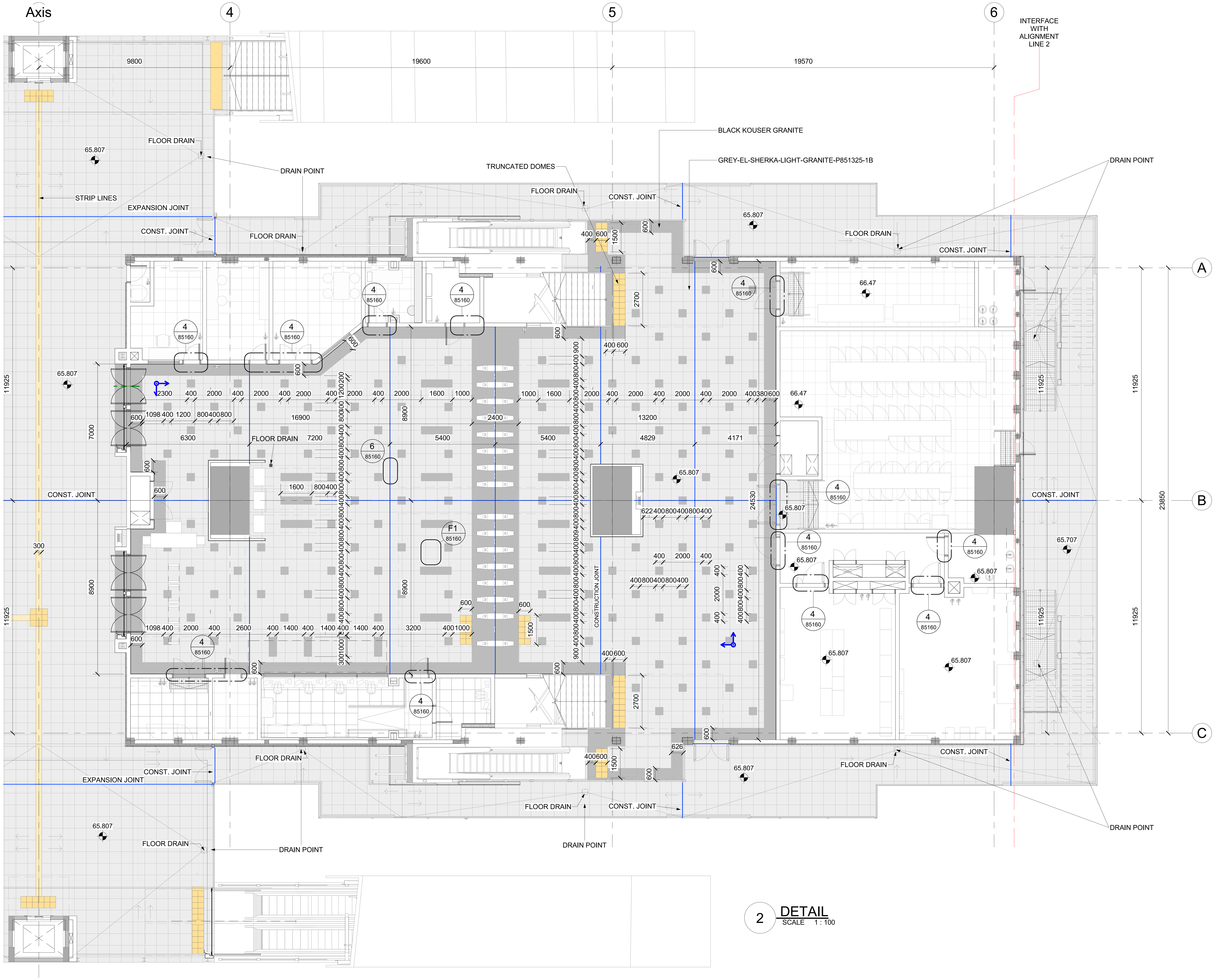
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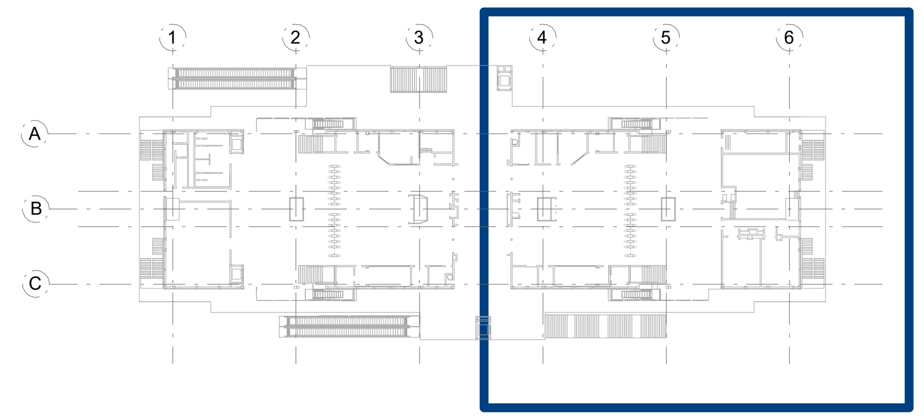
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DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
FINISHING PLANS
CLOSED STATION PROTOTYPE 3.CONCOURSE GRANITE FLOOR PATTERN DETAIL

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85162	A







NOTES :

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KEY PLAN :

ORIGINAL FORMAT : A1
DATE : 2023/06/09
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PURPOSE OF ISSUE : FOR APPROVAL

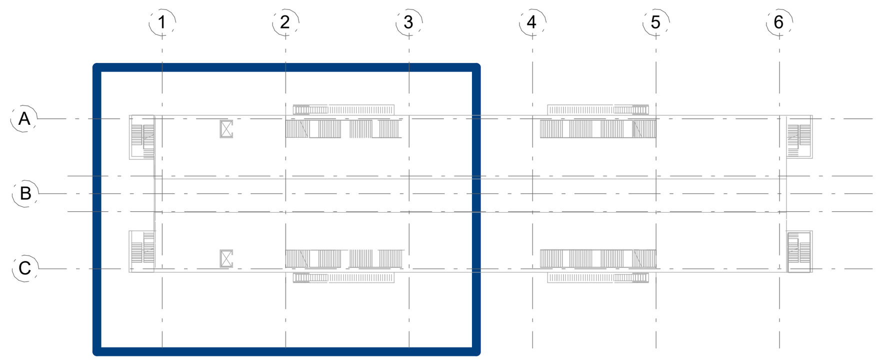
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A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

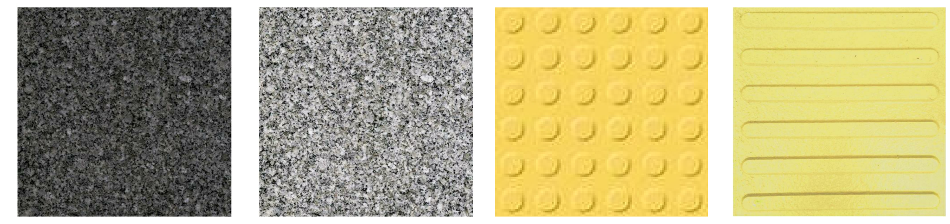
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Page: 1 of 1

DETAILED DESIGN
ARCHITECTURE
CLOSED STATION PROTOTYPE 3.CONCOURSE GRANITE FLOOR PATTERN DETAIL

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85163	A





BLACK KOUSER GRANITE | GREY-EL-SHERKA-LIGHT-GRANITE-P851325-1B | TRUNCATED DOMES | STRIP LINES

CONSTRUCTION JOINT (100 m²)



2 DETAIL
SCALE 1 : 100

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KEY PLAN :

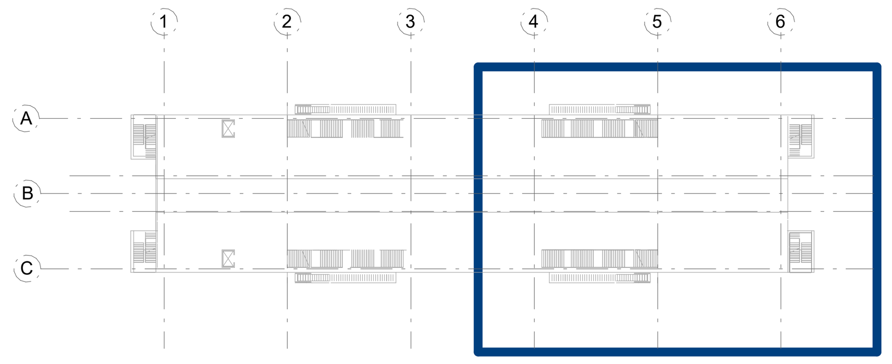
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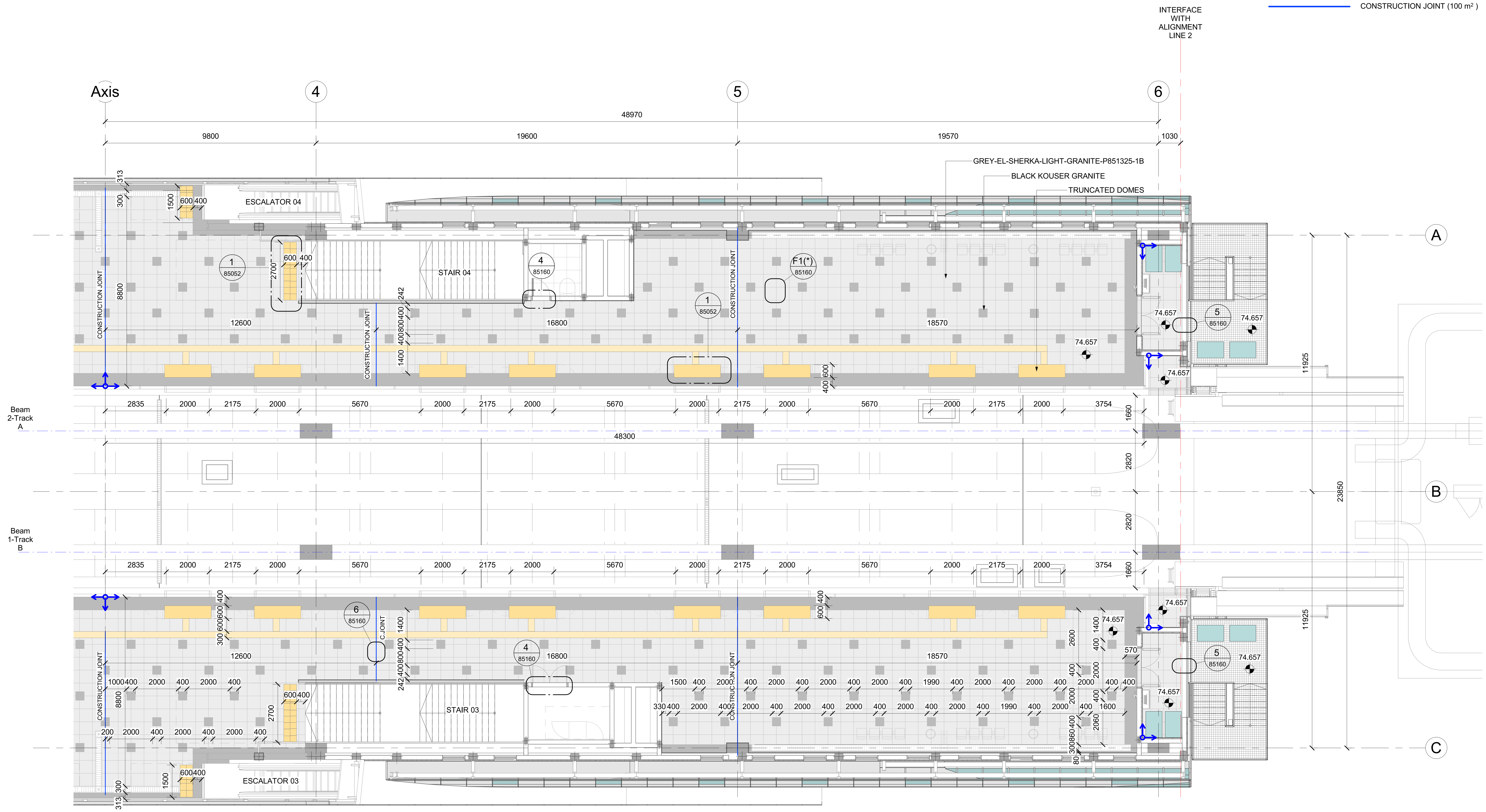
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Page: 1 of 1

DETAILED DESIGN
ARCHITECTURE
CLOSED STATION PROTOTYPE 3.PLATFORM GRANITE FLOOR PATTERN DETAIL

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85164	A







2 DETAIL
SCALE 1 : 100

NOTES :
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Designer

KEY PLAN :

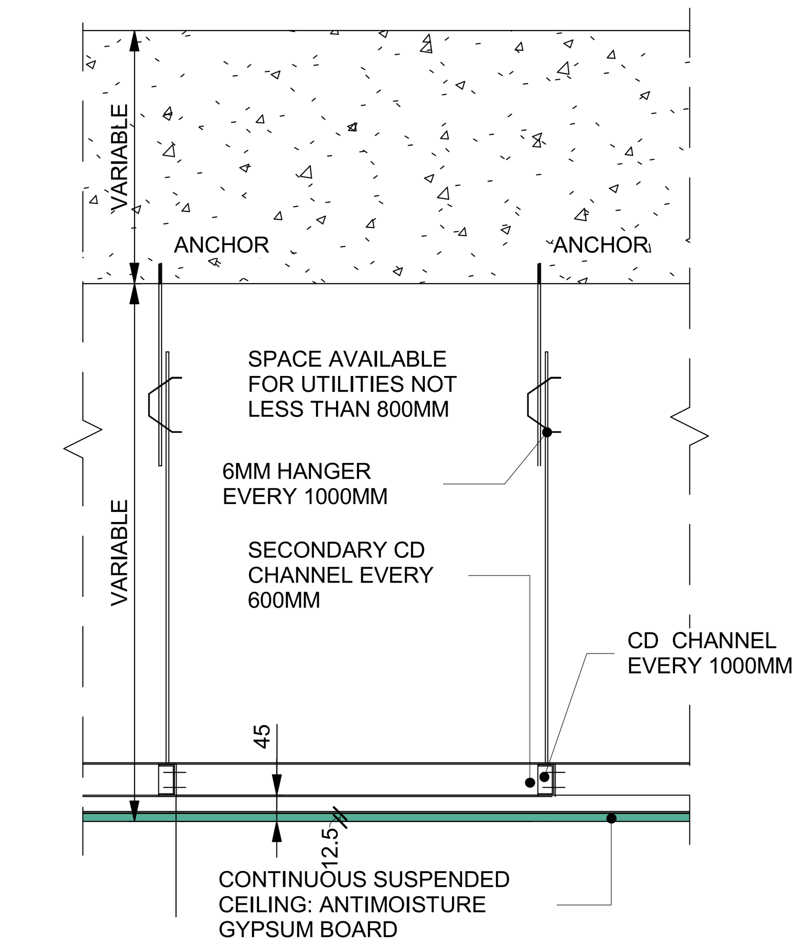
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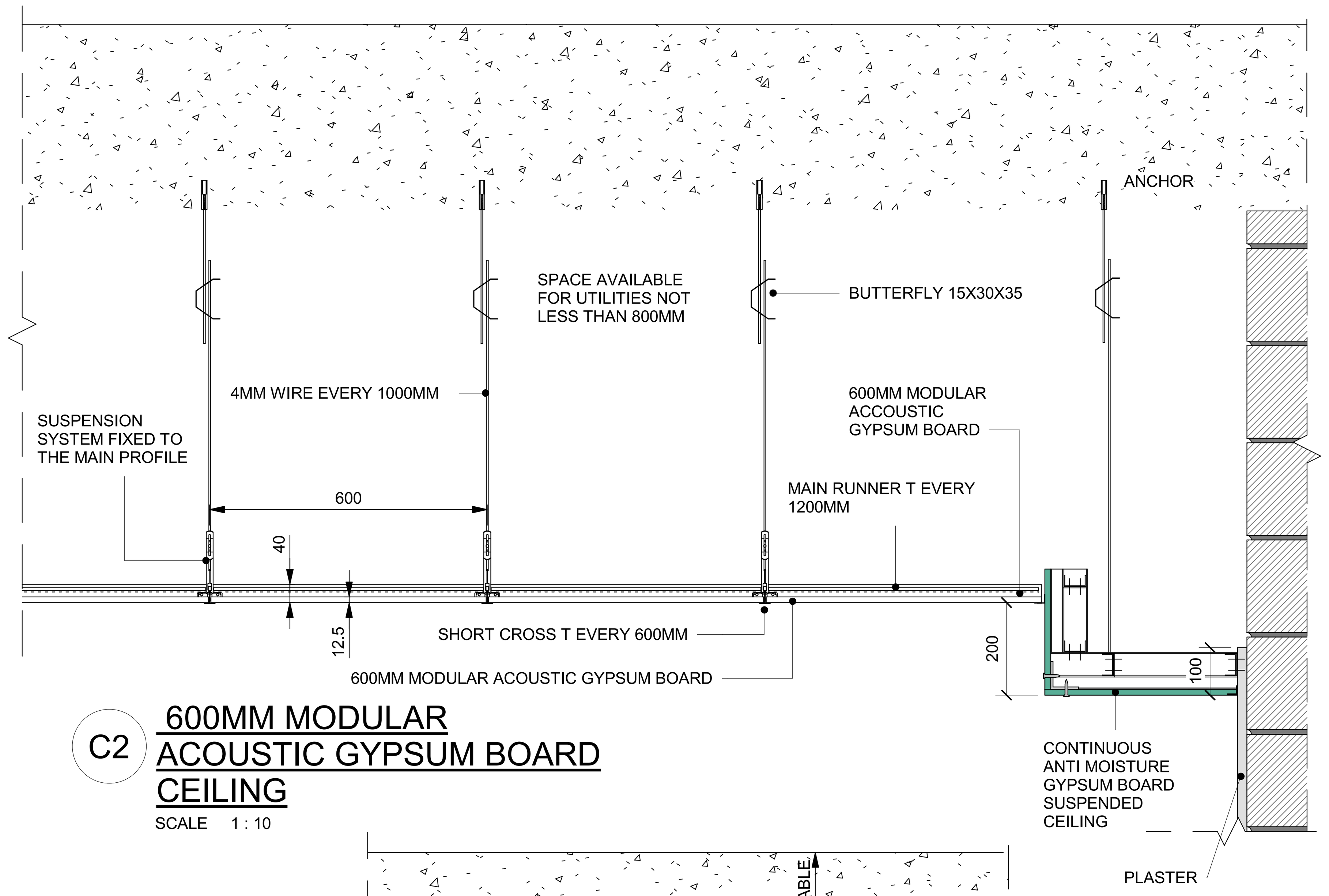
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DETAILED DESIGN
ARCHITECTURE
CLOSED STATION PROTOTYPE 3.PLATFORM GRANITE FLOOR PATTERN DETAIL

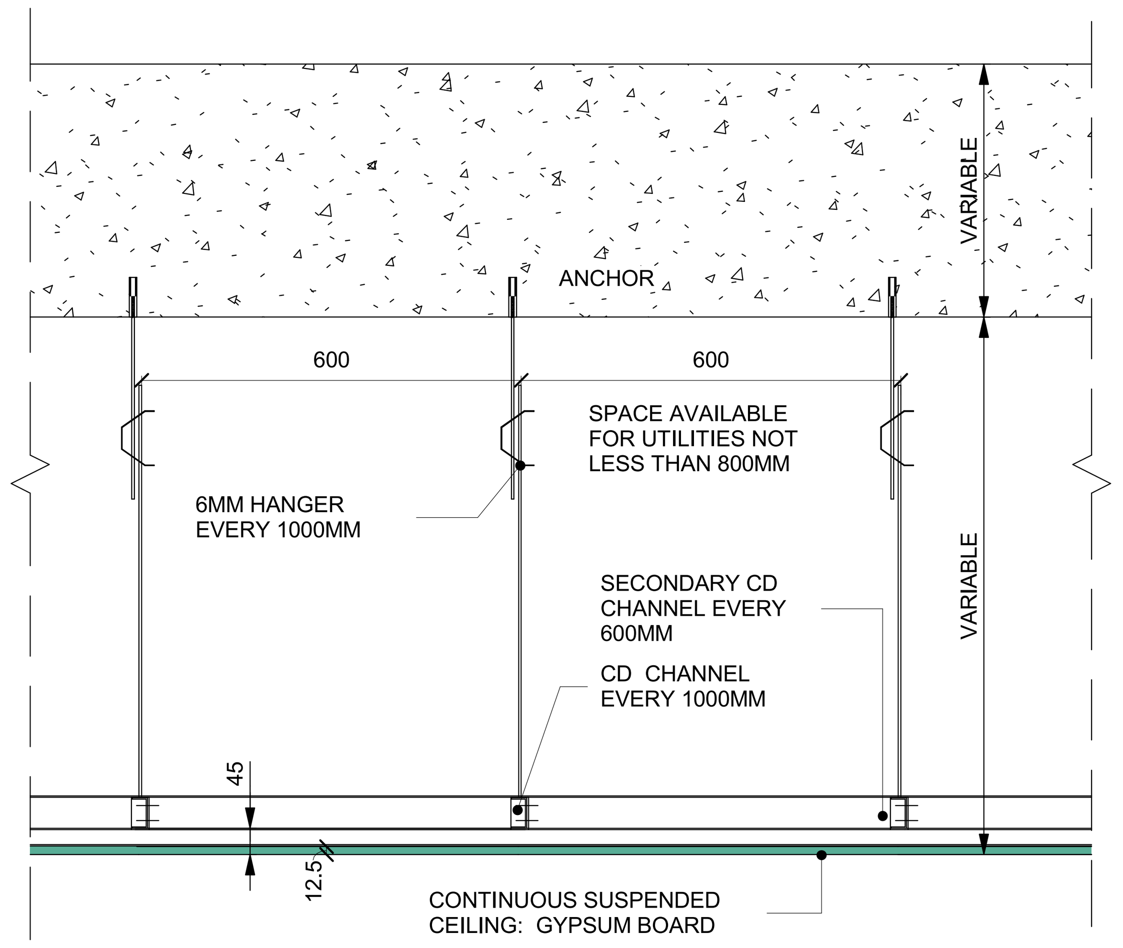
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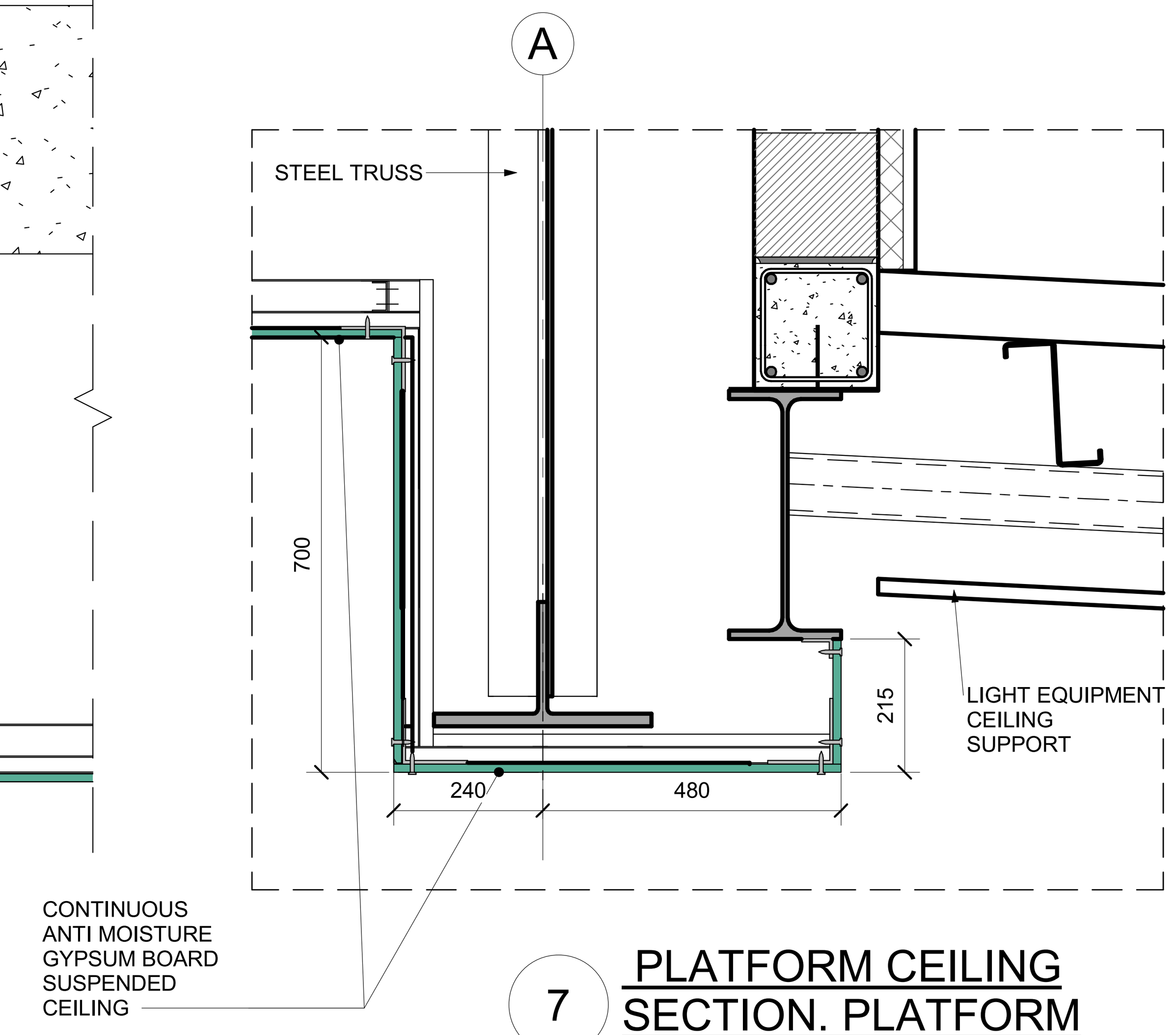
C1 CONTINUOS ANTIMOISTURE GYPSUM BOARD SUSPENDED CEILING
SCALE 1 : 10



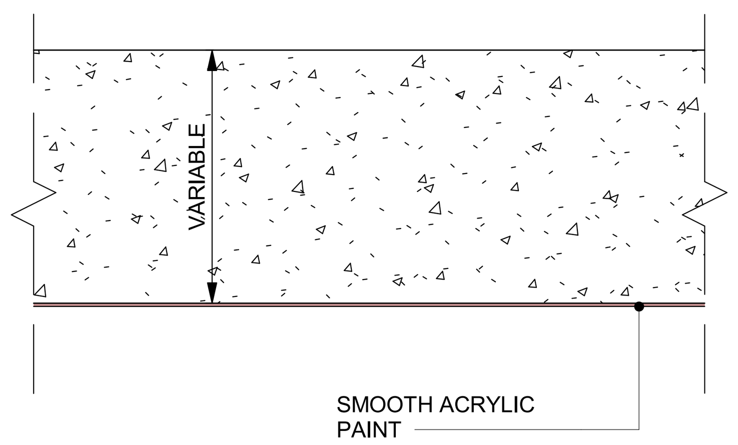
C2 600MM MODULAR ACOUSTIC GYPSUM BOARD CEILING
SCALE 1 : 10



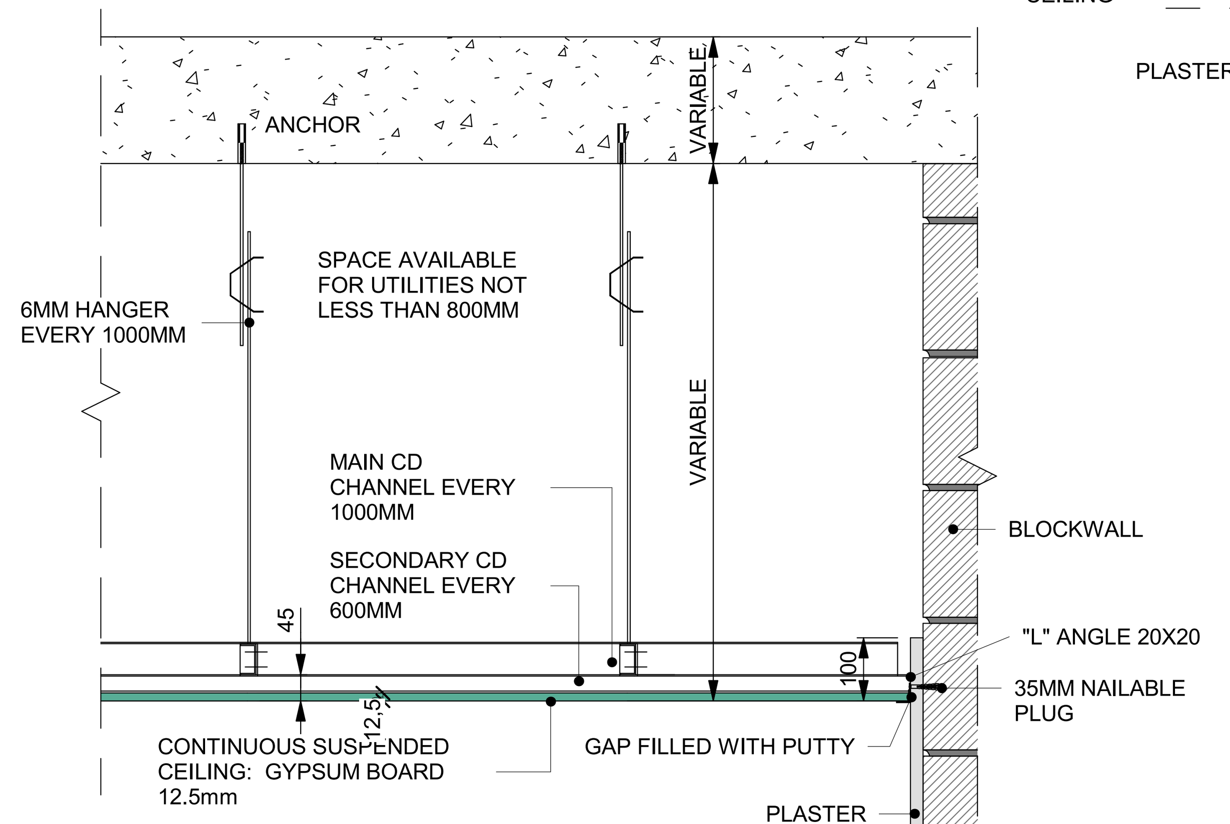
C3 CONTINUOS GYPSUM BOARD SUSPENDED CEILING
SCALE 1 : 10



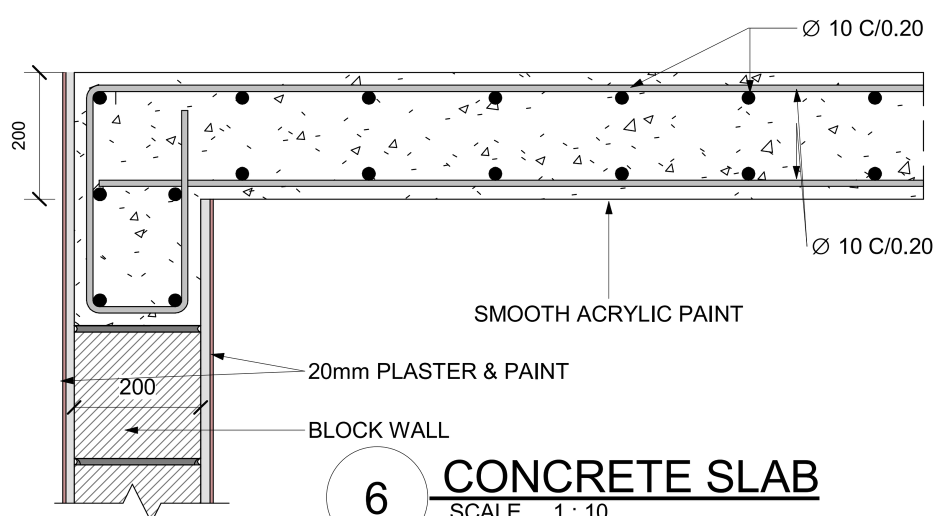
7 PLATFORM CEILING SECTION. PLATFORM ACCESS
SCALE 1 : 10



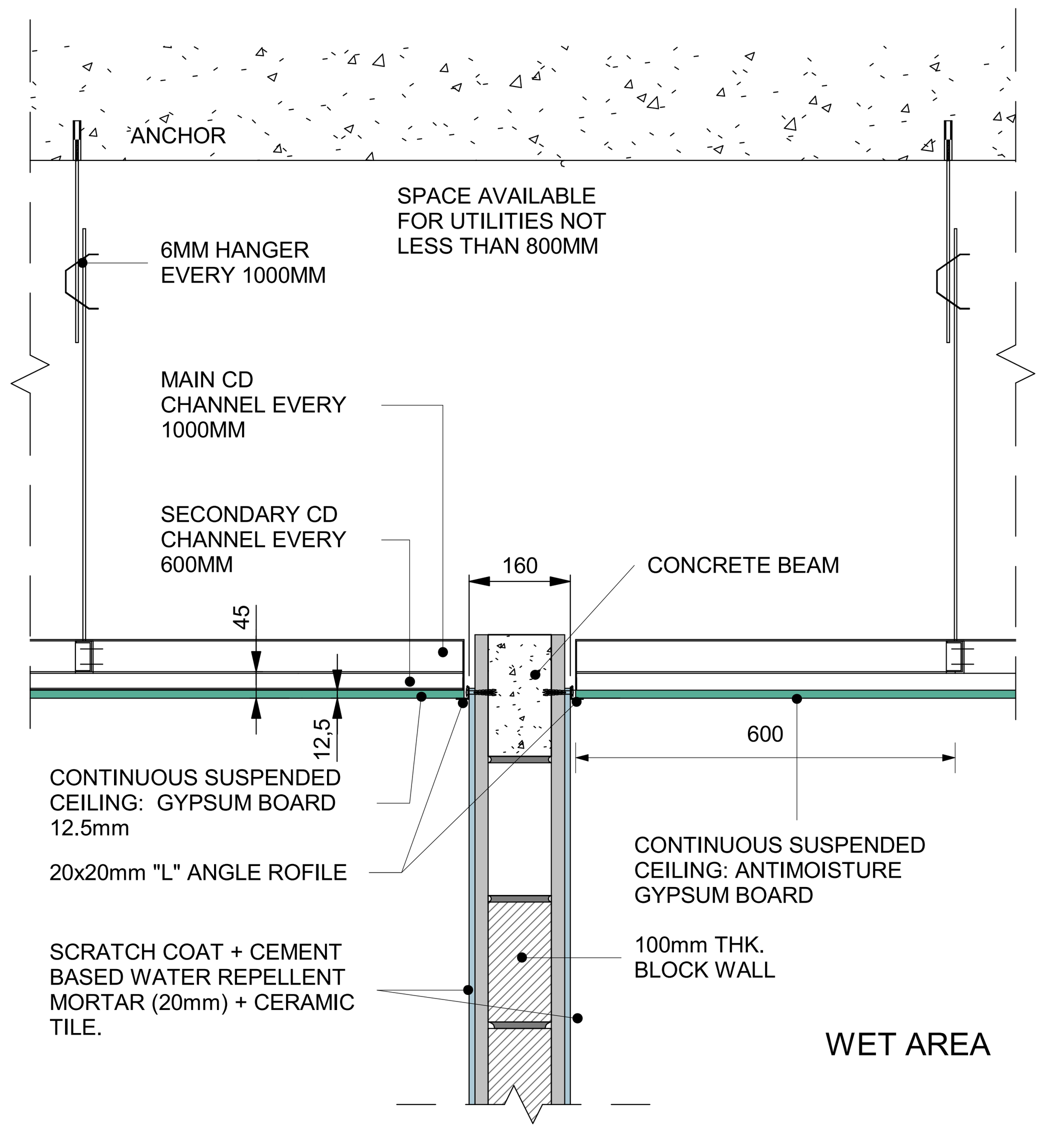
C4 PAINT ON FAIR FACE ON CEILING
SCALE 1 : 10



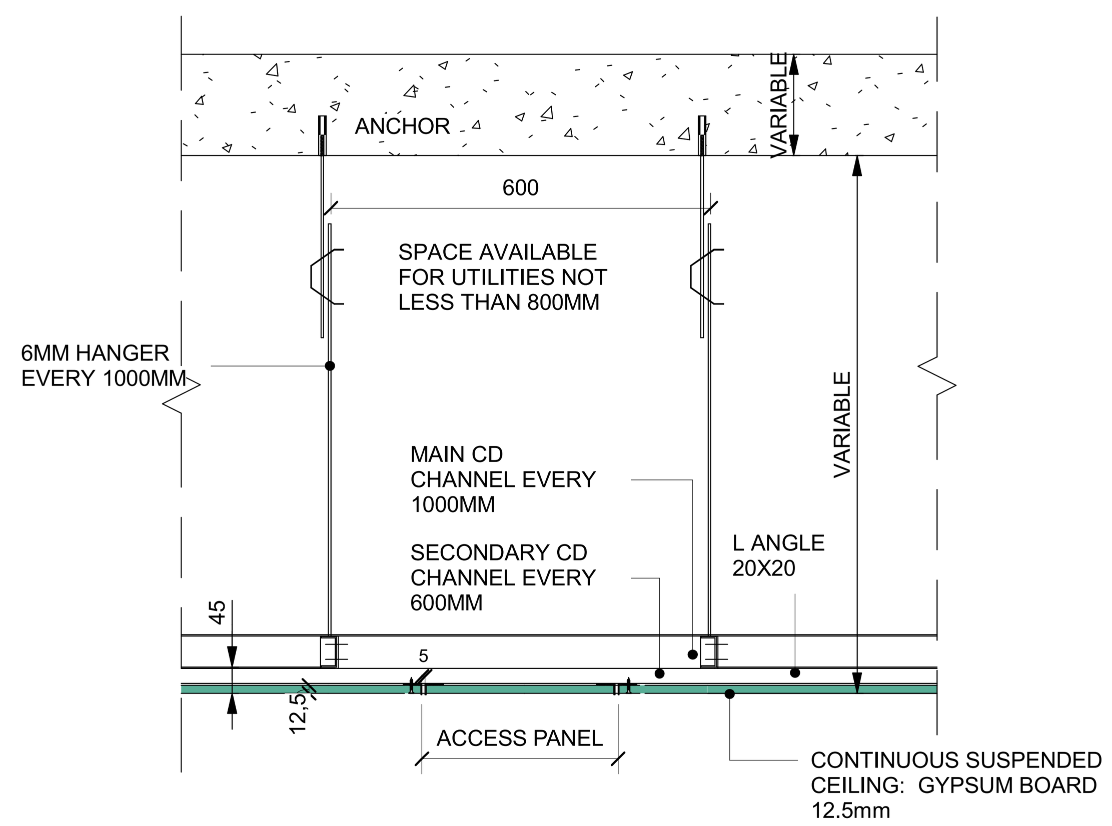
2 CONNECTION BETWEEN WALL AND CONTINUOS SUSPENDED CEILING
SCALE 1 : 10



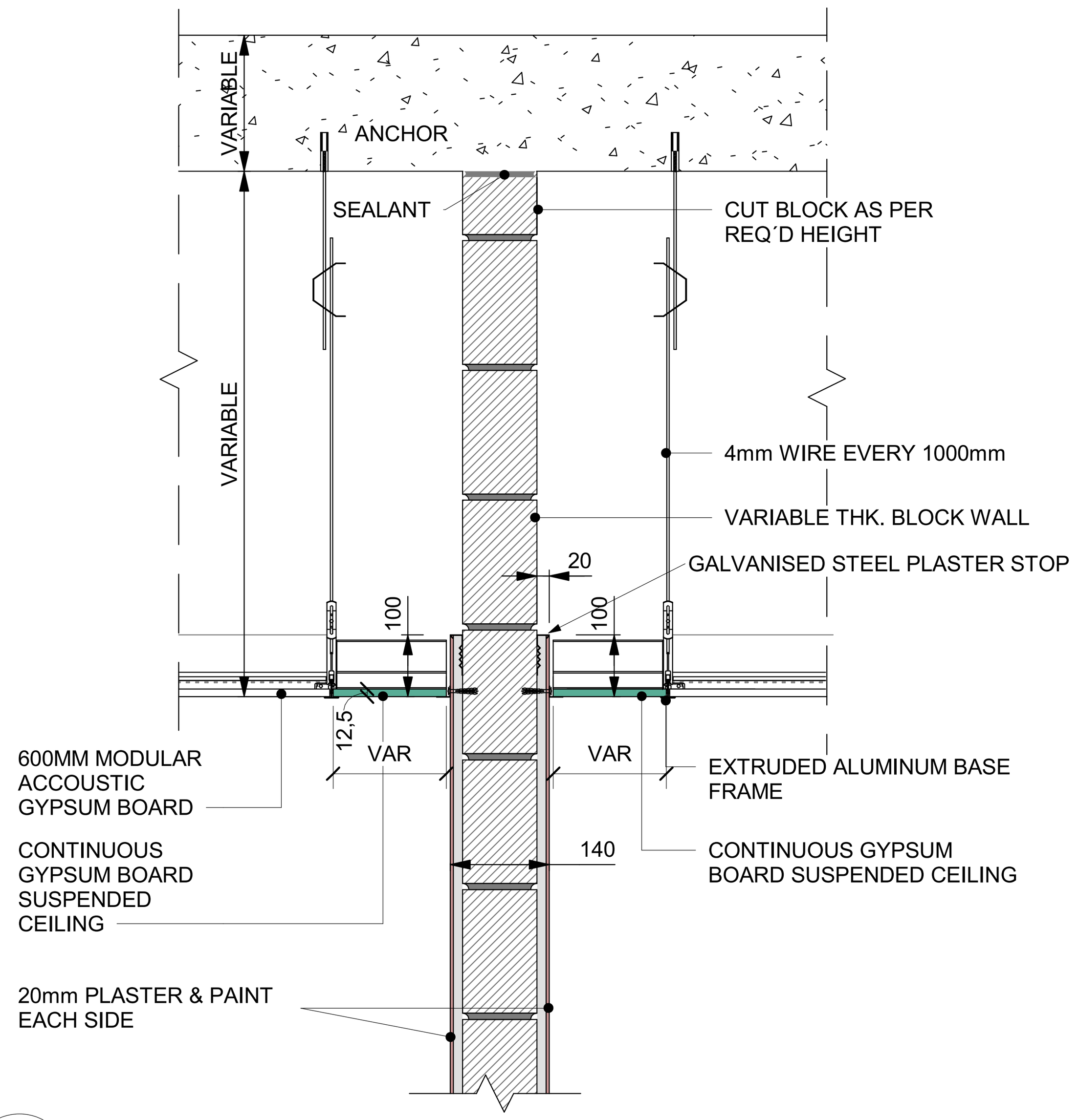
6 CONCRETE SLAB
SCALE 1 : 10



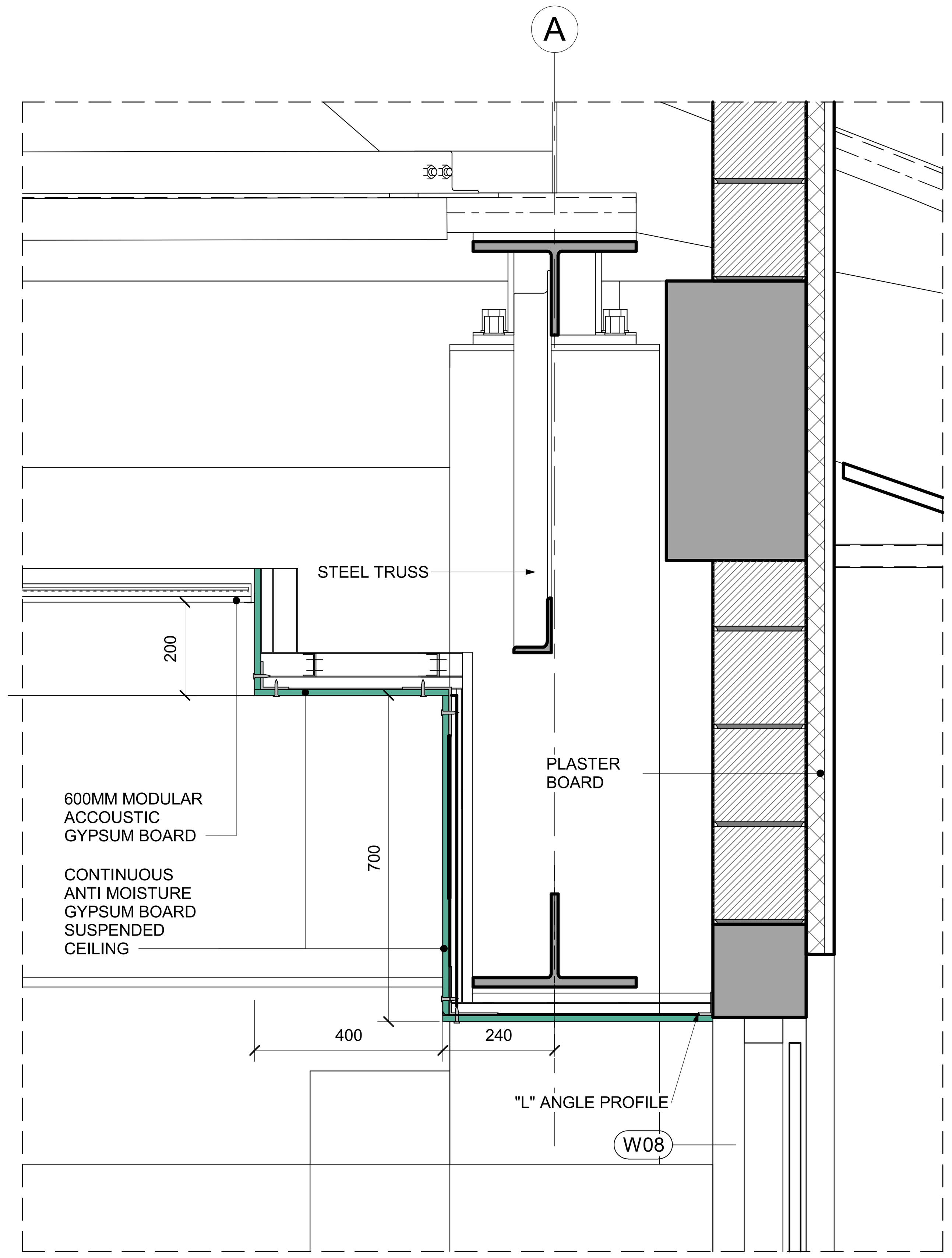
3 INTERIOR WALL AND ANTIMOISTURE CEILING.
SCALE 1 : 10



5 ACCESS DOOR
SCALE 1 : 10



4 INTERIOR WALL AND ACCOUSTIC CEILING
SCALE 1 : 10



1 PLATFORM CEILING SECTION. WINDOW
SCALE 1 : 10

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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31004
- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31017
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0540-SHK-000PW-DDG-31110

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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وزارة النقل
MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

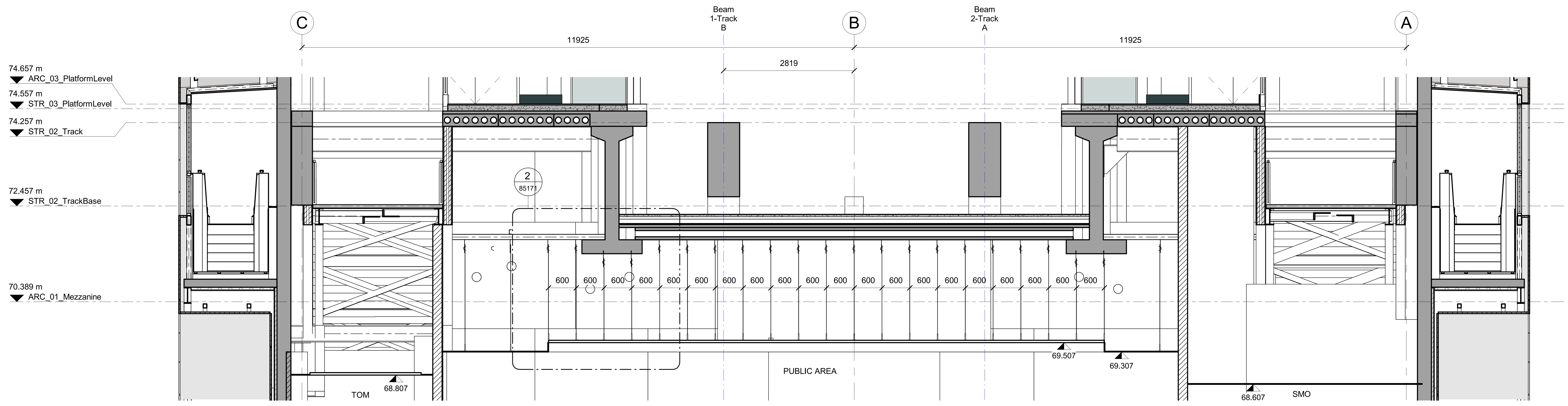
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SCALE : 1 : 10
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.STANDARD CEILING DETAILS

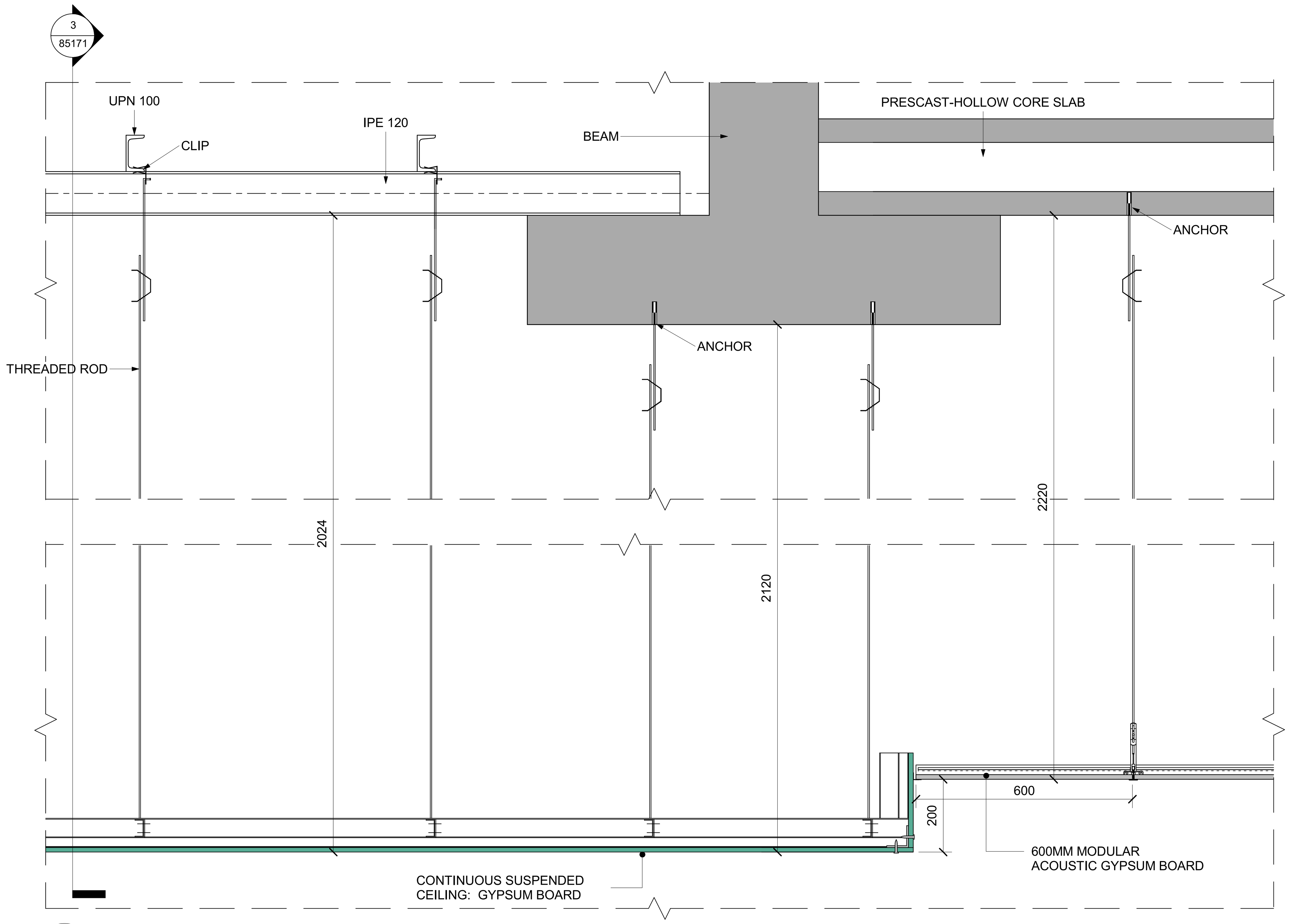
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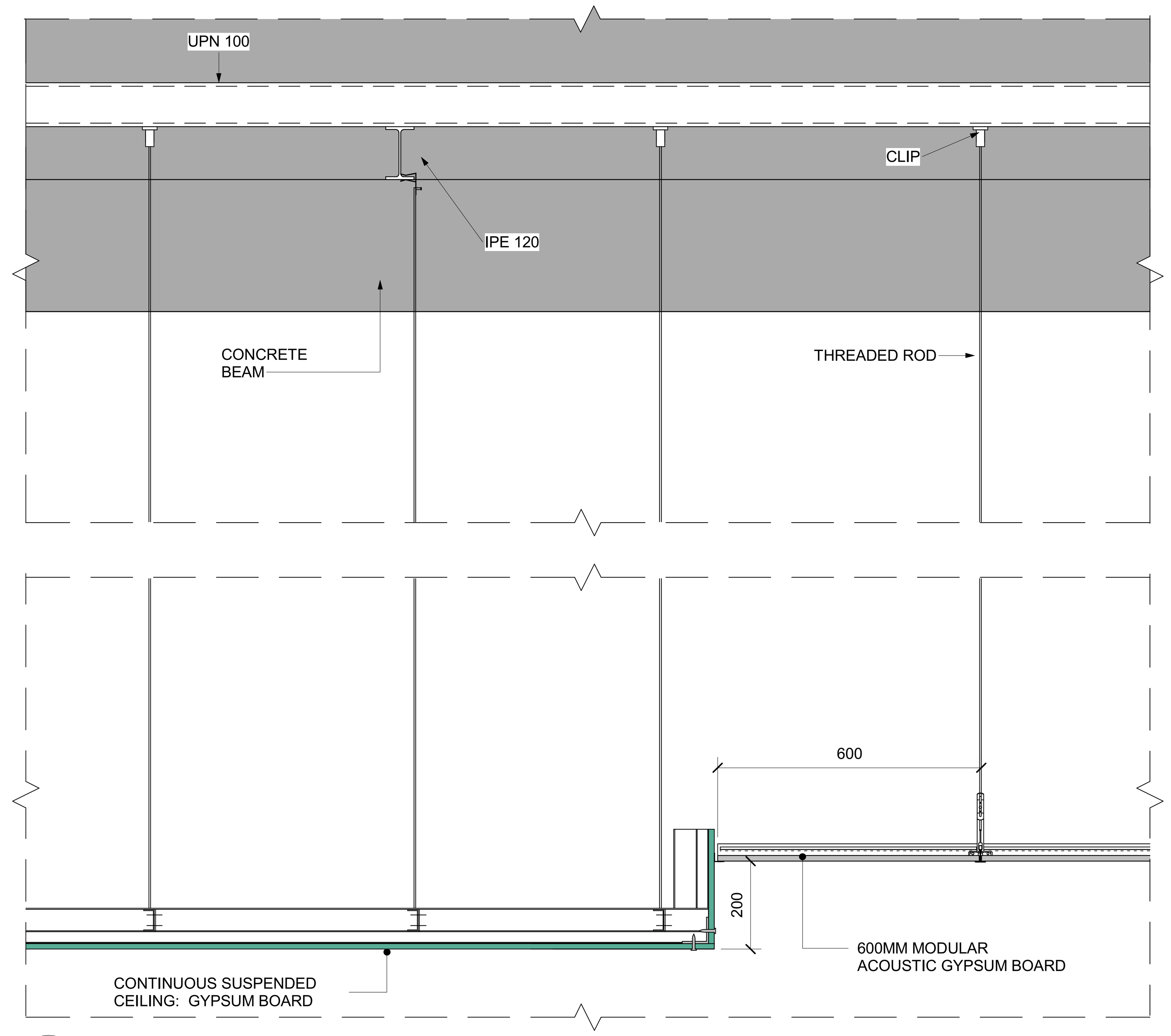


1 INTERIOR ELEVATION
SCALE 1 : 50

* POSITION OF THREADED ROD TO BE FURTHER DEVELOPEA DURING SHOP DRAWING PHASE



2 DETAIL
SCALE 1 : 10



3 DETAIL
SCALE 1 : 10

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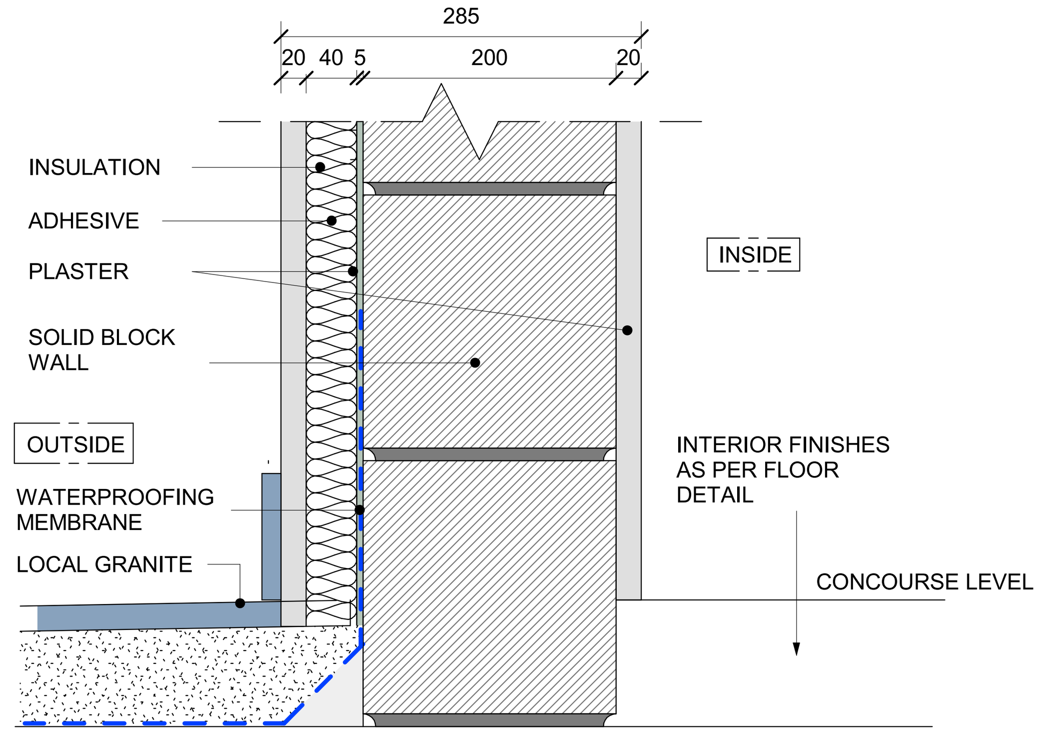
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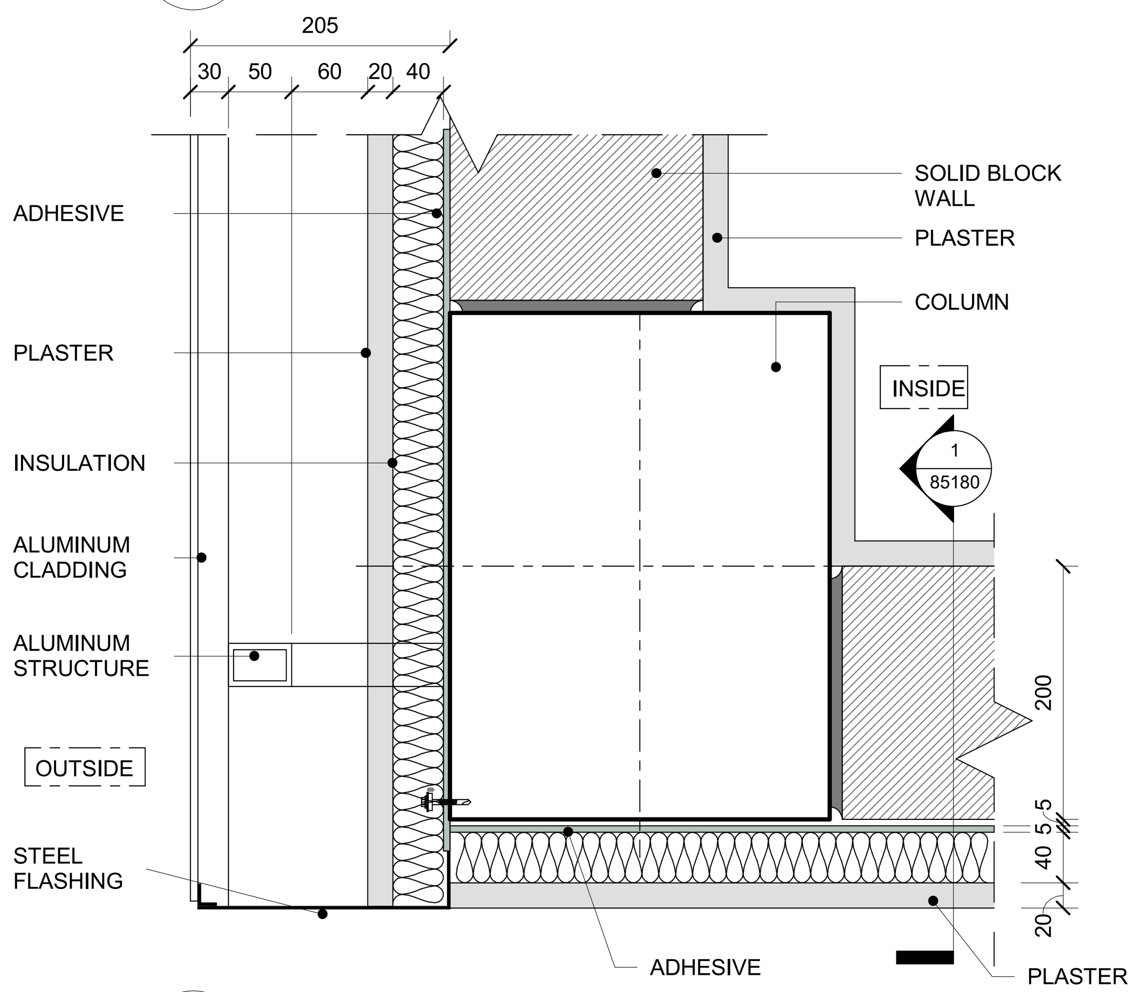
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CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.STANDARD CEILING DETAILS

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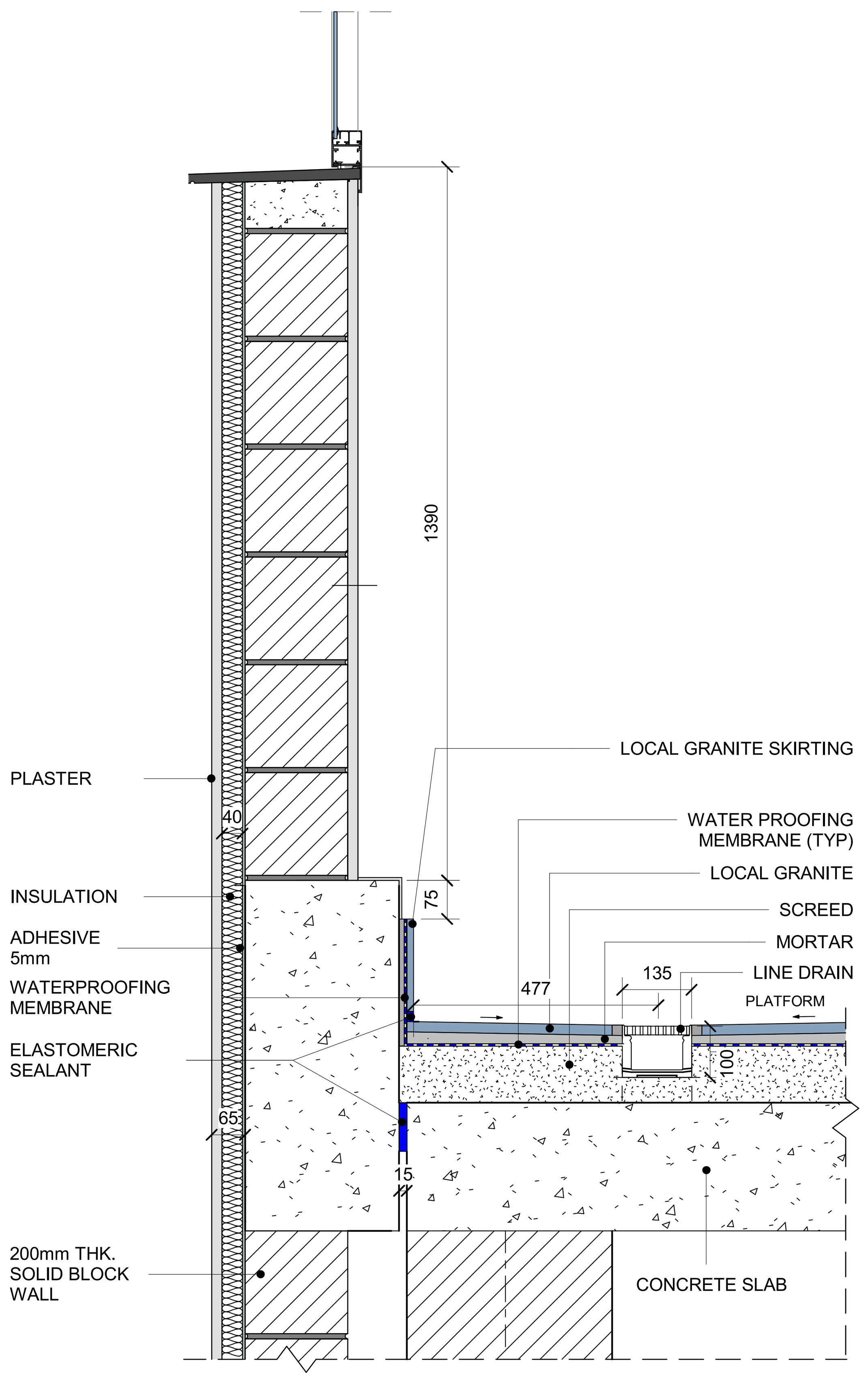
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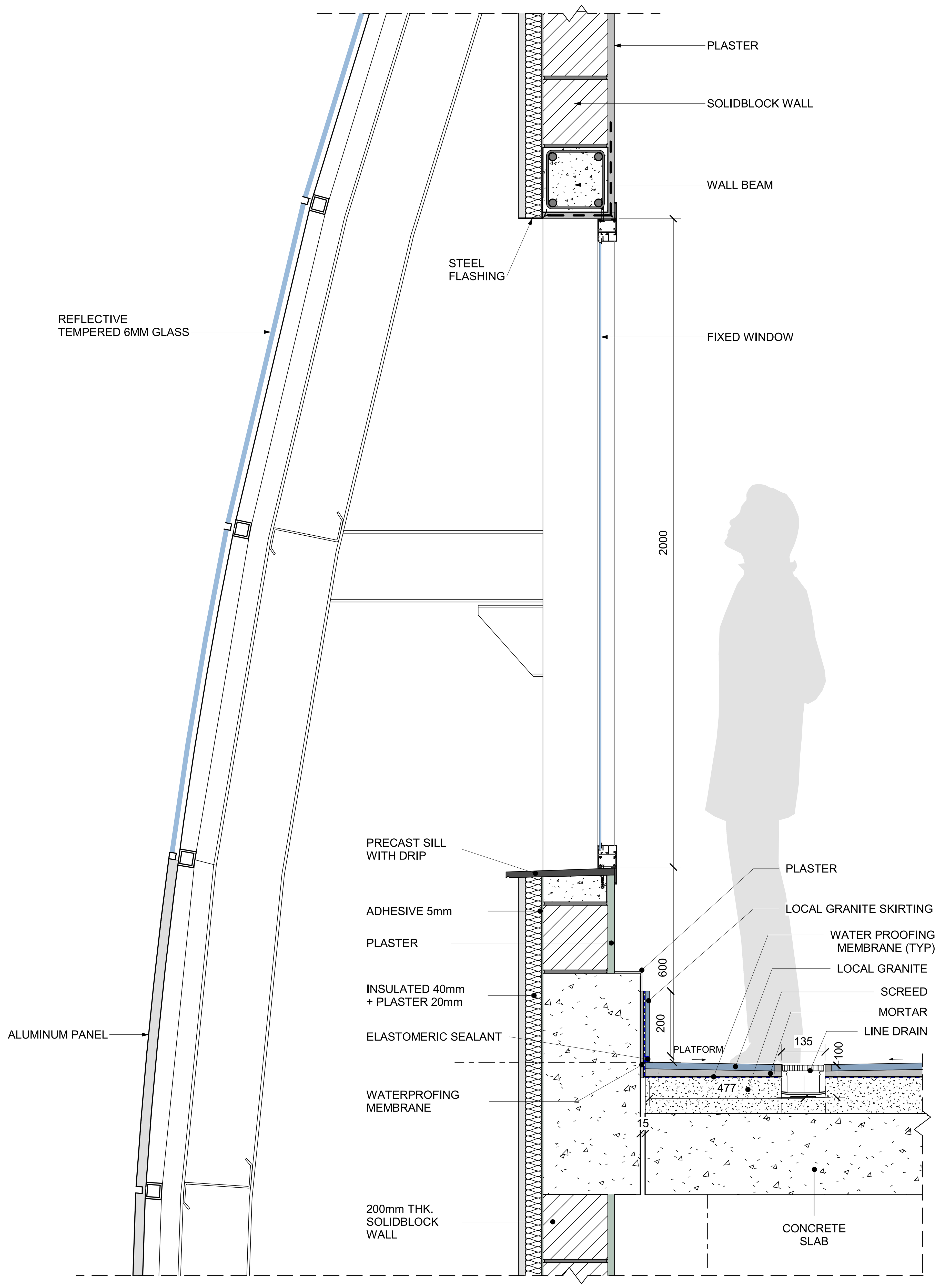
1 **SECTION**
SCALE 1 : 5



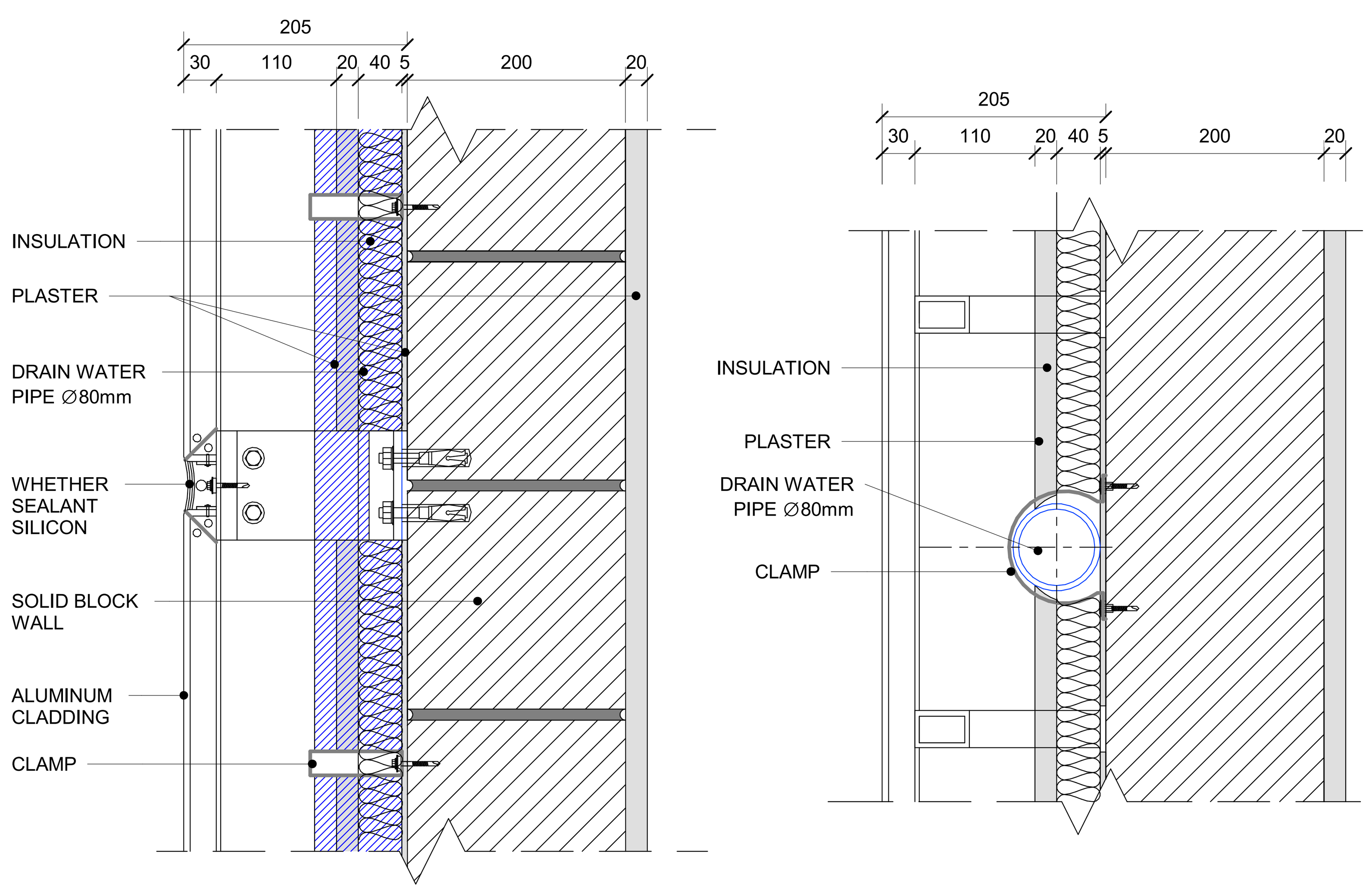
W1* **SOLID BLOCK IN EXTERNAL WALLS**
SCALE 1 : 5



3* **PLATFORM WINDOW IN SOLID BLOCK**
SCALE 1 : 10



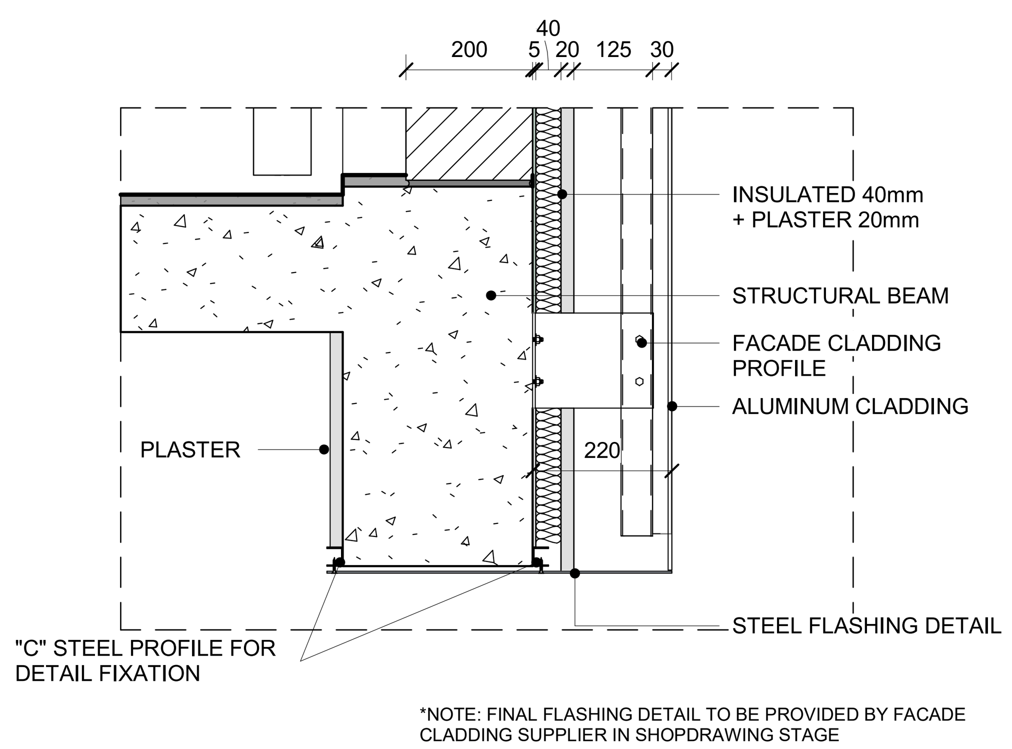
3** **PLATFORM WINDOW DETAIL**
SCALE 1 : 10



SECTION

PLAN

2* **DRAIN WATER DETAIL INSIDE WITH SOLID BLOCK**
SCALE 1 : 5



*NOTE: FINAL FLASHING DETAIL TO BE PROVIDED BY FACADE CLADDING SUPPLIER IN SHOPDRAWING STAGE

3 **FACADE DETAIL WITH CONCRETE BEAM**
SCALE 1 : 10

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- 93M-0501-SHK-000PW-DDG-31004 - 93M-0540-SHK-000PW-DDG-31114
- 93M-0501-SHK-000PW-DDG-31104 - 93M-0540-SHK-000PW-DDG-31115
- 93M-0501-SHK-000PW-DDG-31130 - 93M-0540-SHK-000PW-DDG-31109

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- 93M-0407-SEN-000PW-END-53710 - 93M-0407-SEN-000PW-END-53725
- 93M-0407-SEN-000PW-END-53711 - 93M-0407-SEN-000PW-END-53726
- 93M-0407-SEN-000PW-END-53720

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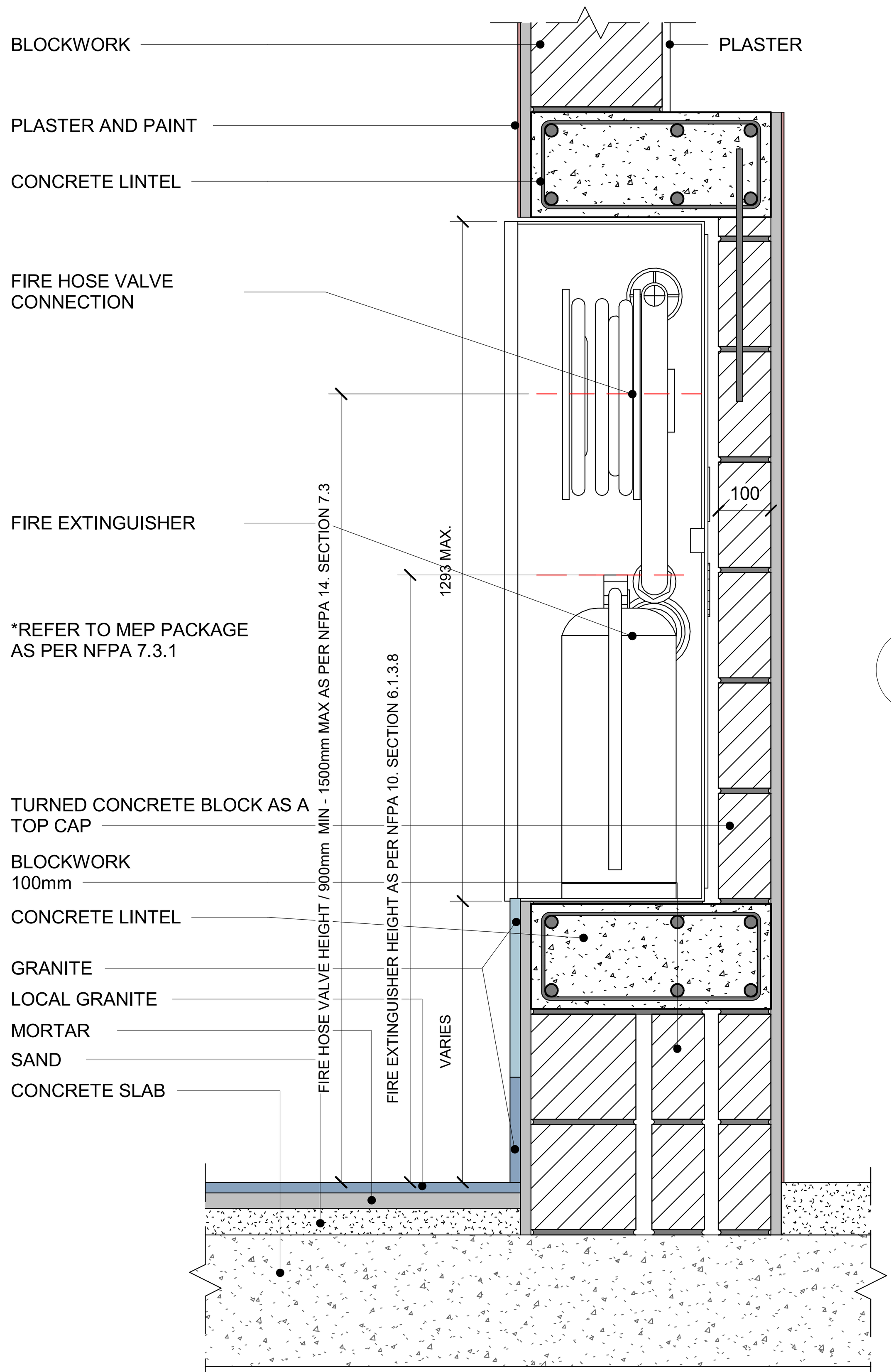
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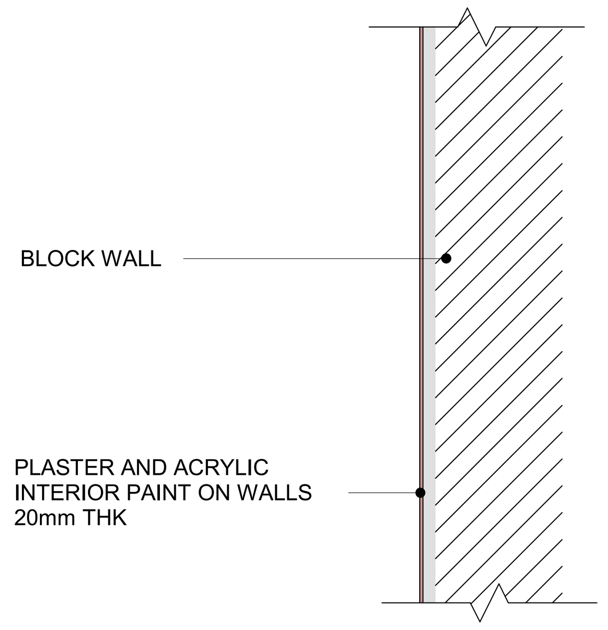
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CLOSED STATION PROTOTYPE 3.STANDARD WALL DETAILS

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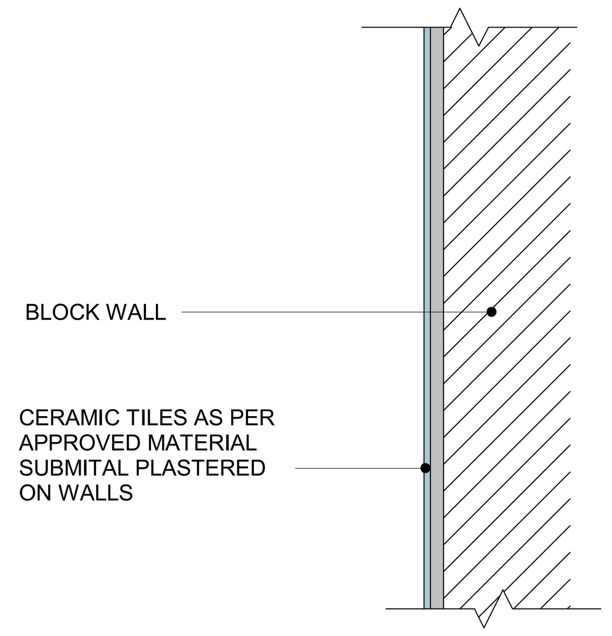
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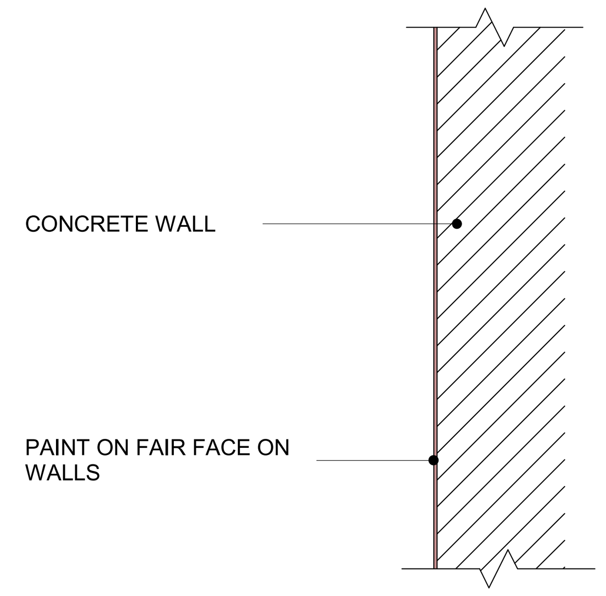
1 EMBEDDED FHC DETAIL
SCALE 1 : 10



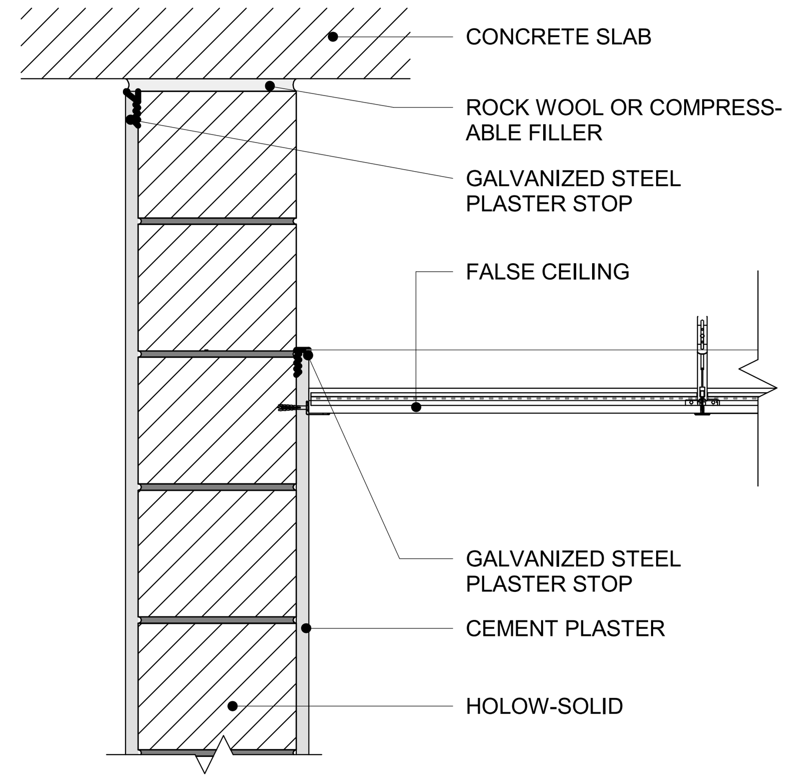
2 PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
SCALE 1 : 10



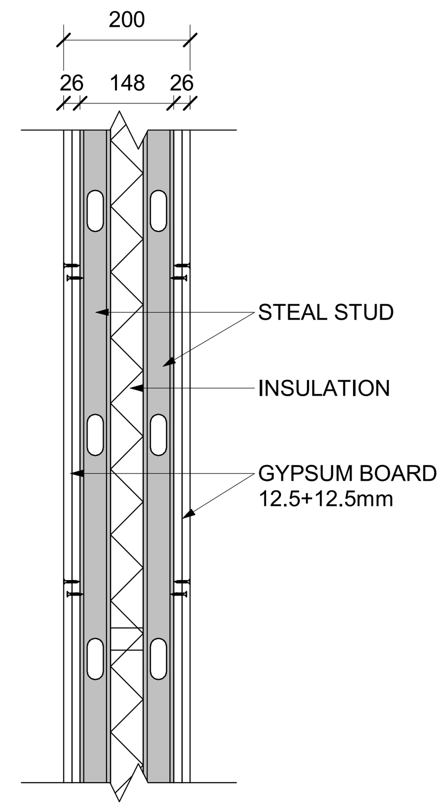
3 CERAMIC TILES ON WALLS
SCALE 1 : 10



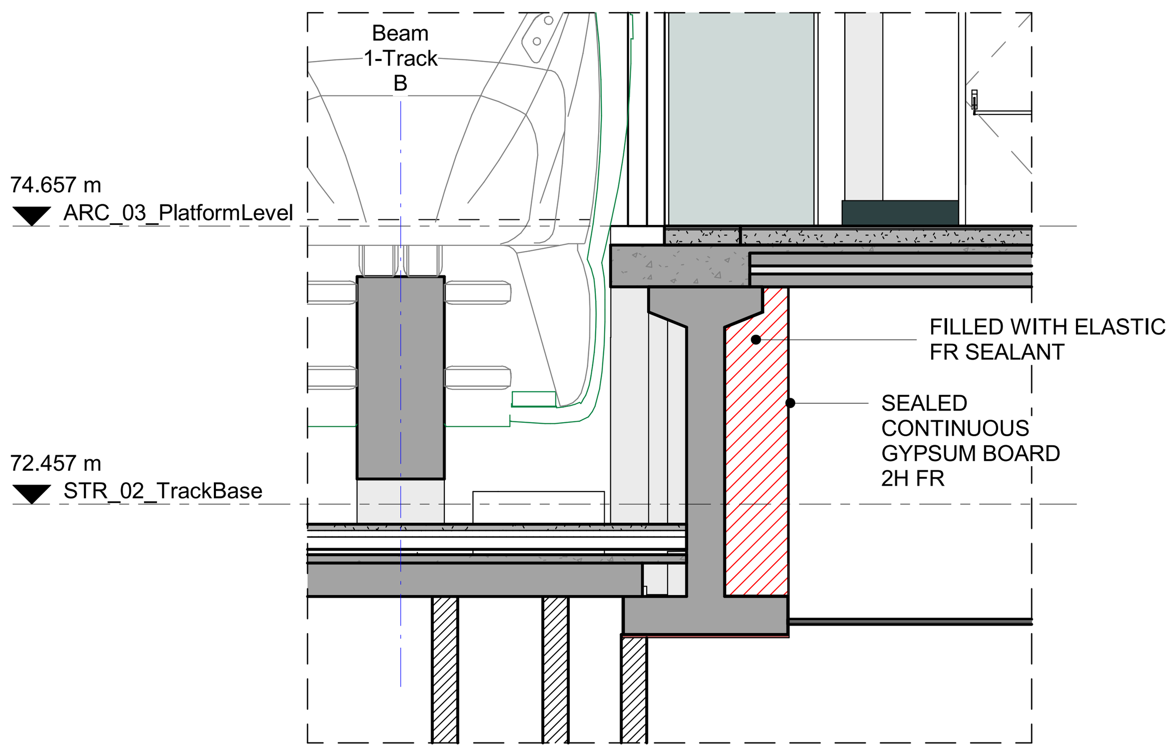
4 PAINT ON FAIR FACE ON WALLS
SCALE 1 : 10



5 GALVANIZED STEEL PLASTER STOP
SCALE 1 : 10

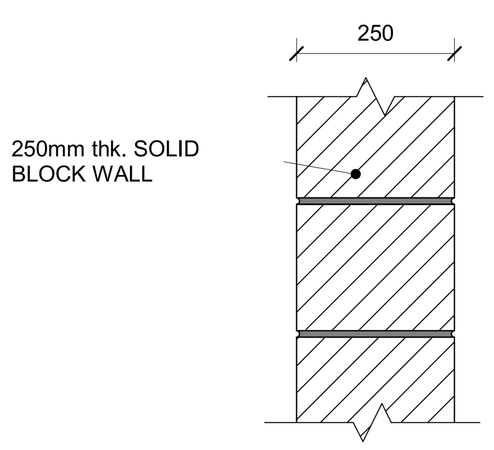


6 200MM GYPSUM BOARD CLOSURE
SCALE 1 : 10

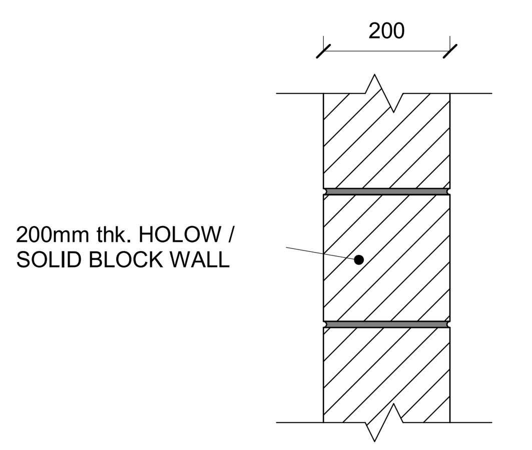


14 WALL DETAIL BELOW PLATFORM WITH TRACK SLAB BEAM
SCALE 1 : 50

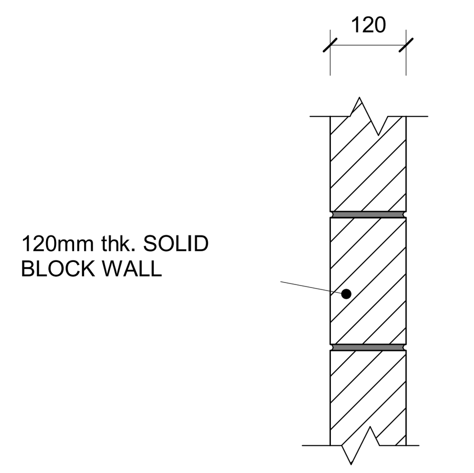
NOTE:
SHOULD FIRE RATED WALL IS REQUIRED, THE GYPSUM BOARD TO BE PROVIDED WITH FIRE RESISTANCE AS PER FIRE AND LIFE SAFETY DRAWINGS



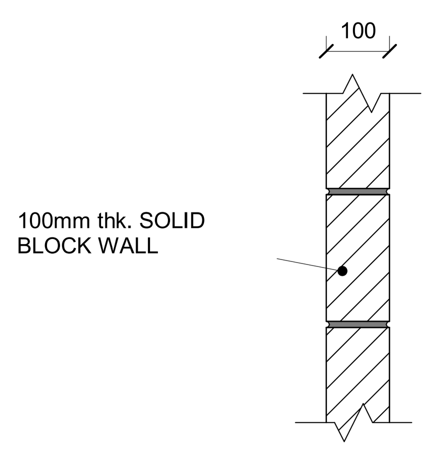
7 BLOCKWORK 250mm THK
SCALE 1 : 10



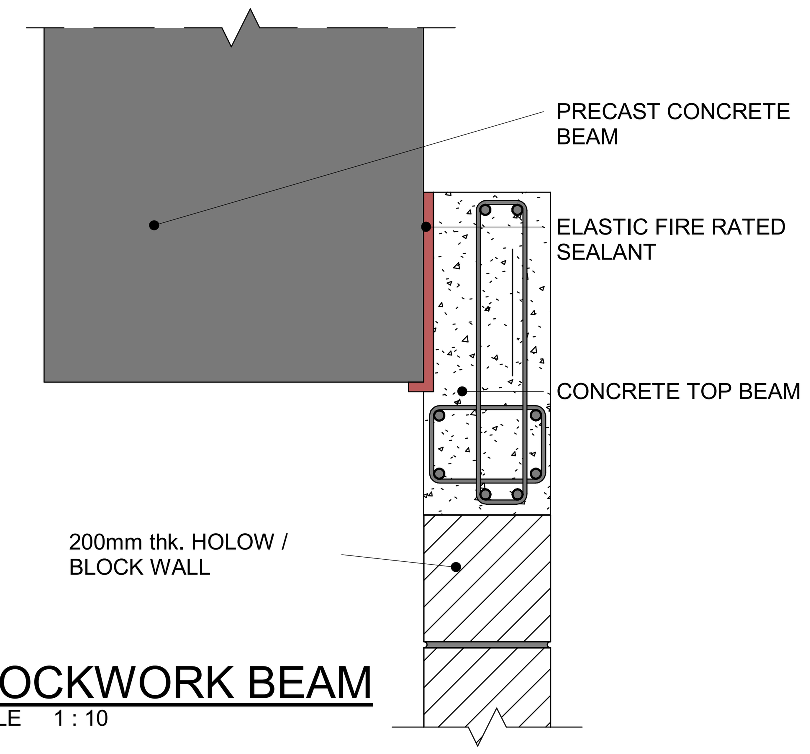
8 BLOCKWORK 200mm THK
SCALE 1 : 10



9 BLOCKWORK 120mm THK
SCALE 1 : 10



10 BLOCKWORK 100mm THK
SCALE 1 : 10



11 BLOCKWORK BEAM
SCALE 1 : 10

* REFER TO THE FINISHES DRAWINGS WITH REFERENCE 85035, 85036 & 85037 FOR THE WALL TYPOLOGY (SOLID OR HOLLOW BLOCK)

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- 93M-0501-SHK-000PW-DDG-31104
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- 93M-0407-SEN-000PW-END-53701
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KEY PLAN :


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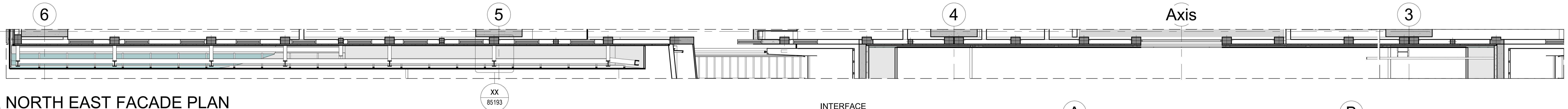
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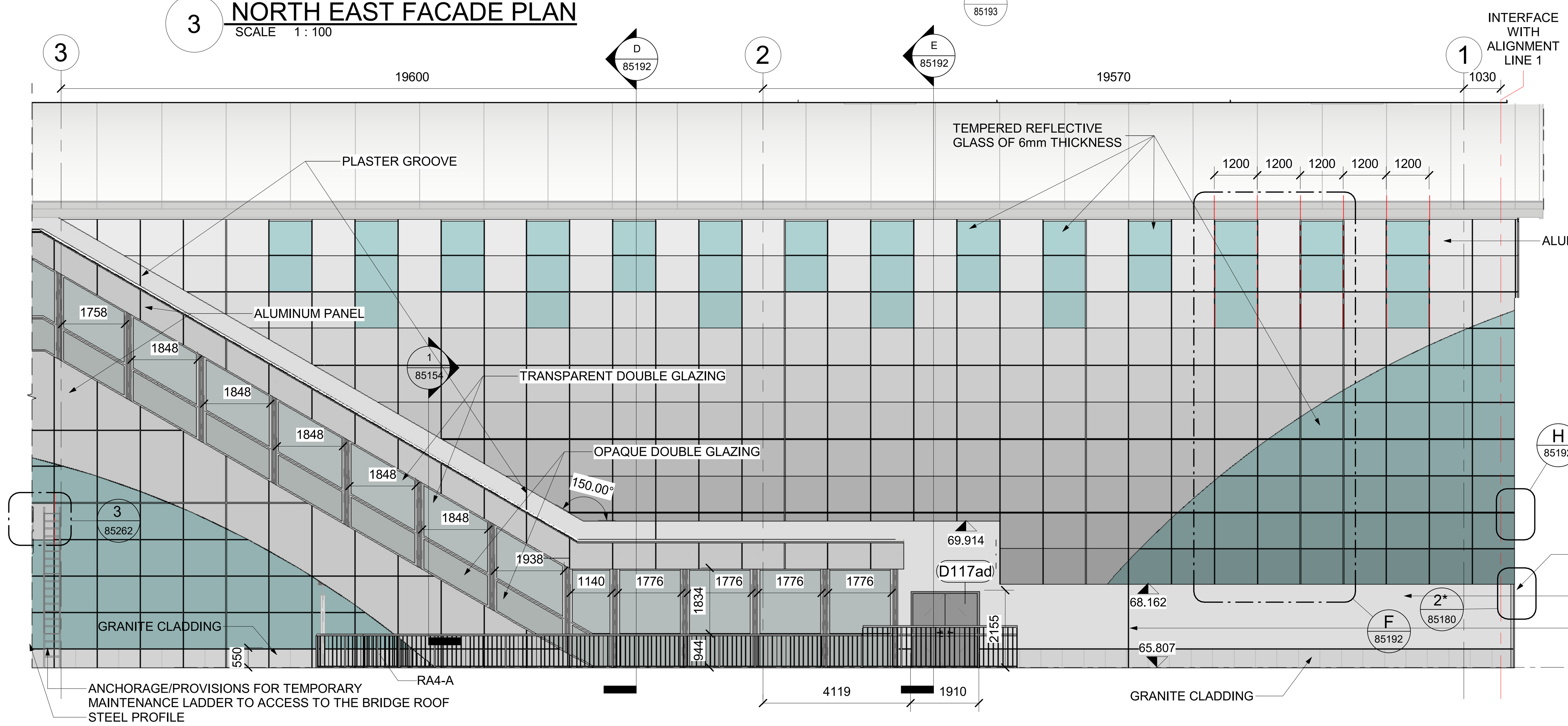
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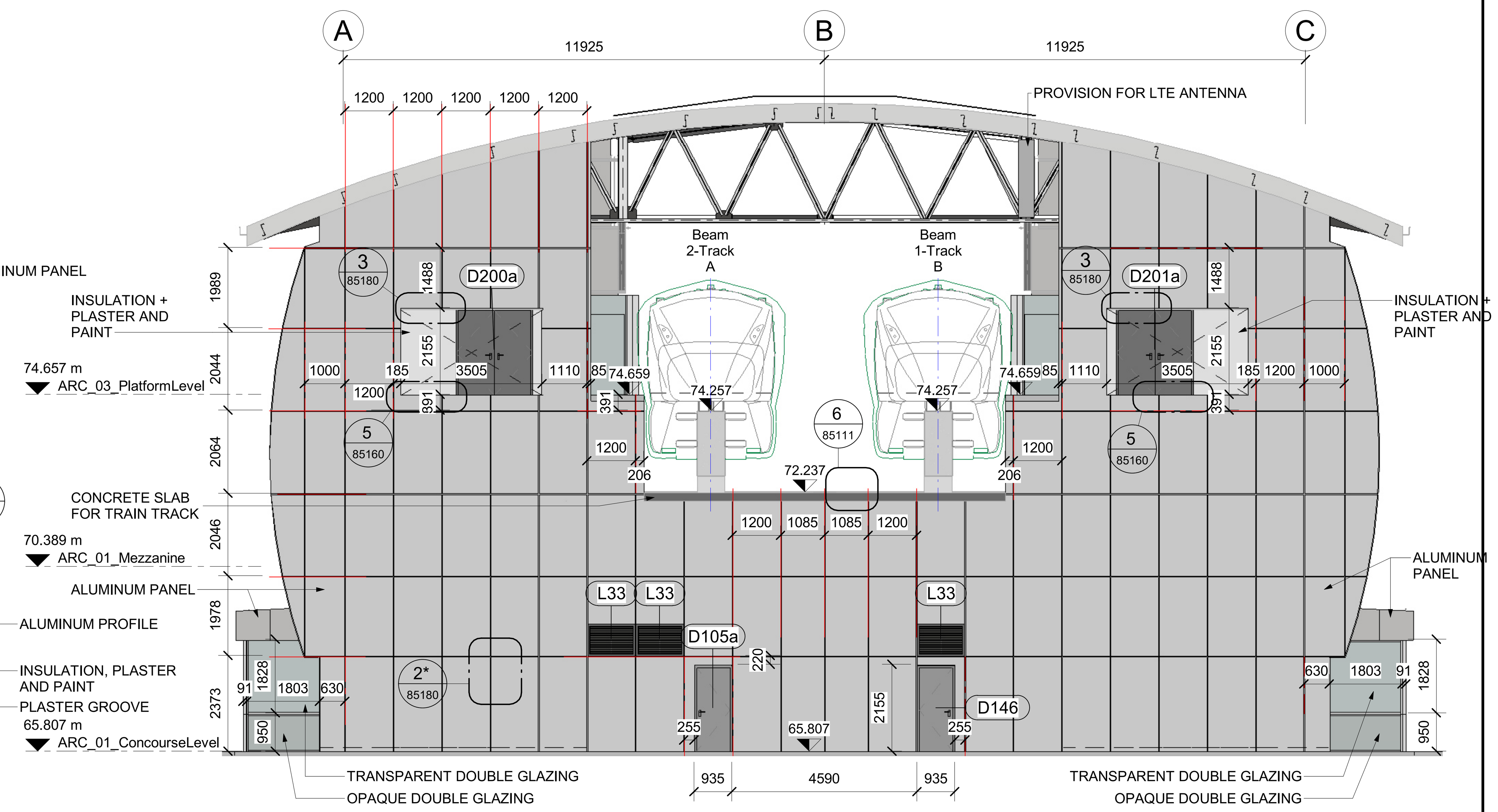


1 NORTH EAST ELEVATION
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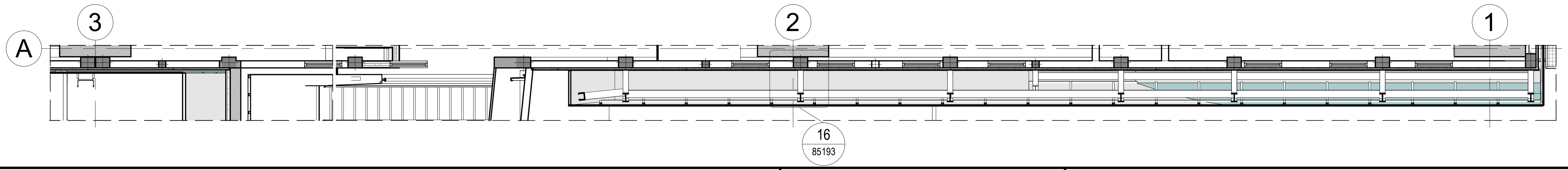


3 NORTH EAST FACADE PLAN
SCALE 1 : 100





2 NORTH WEST ELEVATION
SCALE 1 : 100



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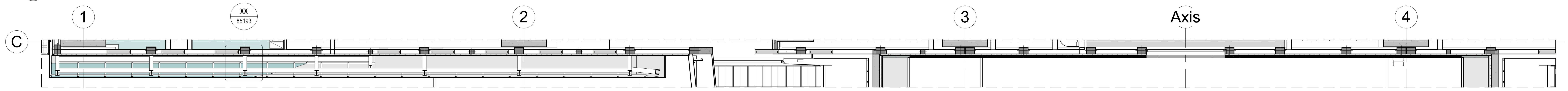
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INTERNAL AND EXTERNAL ELEVATION
CLOSED STATION PROTOTYPE 3.FACADE DETAILS 1

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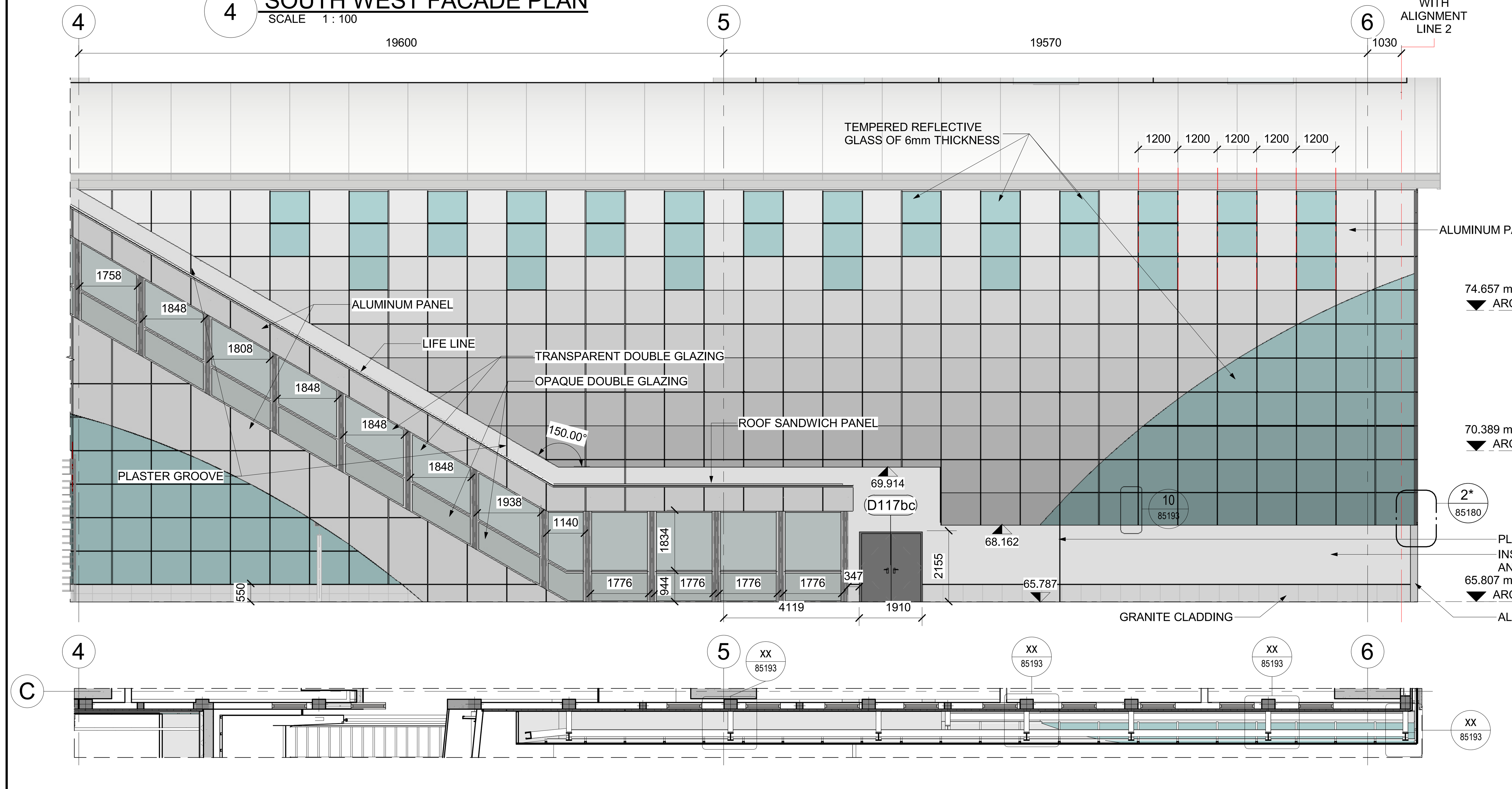
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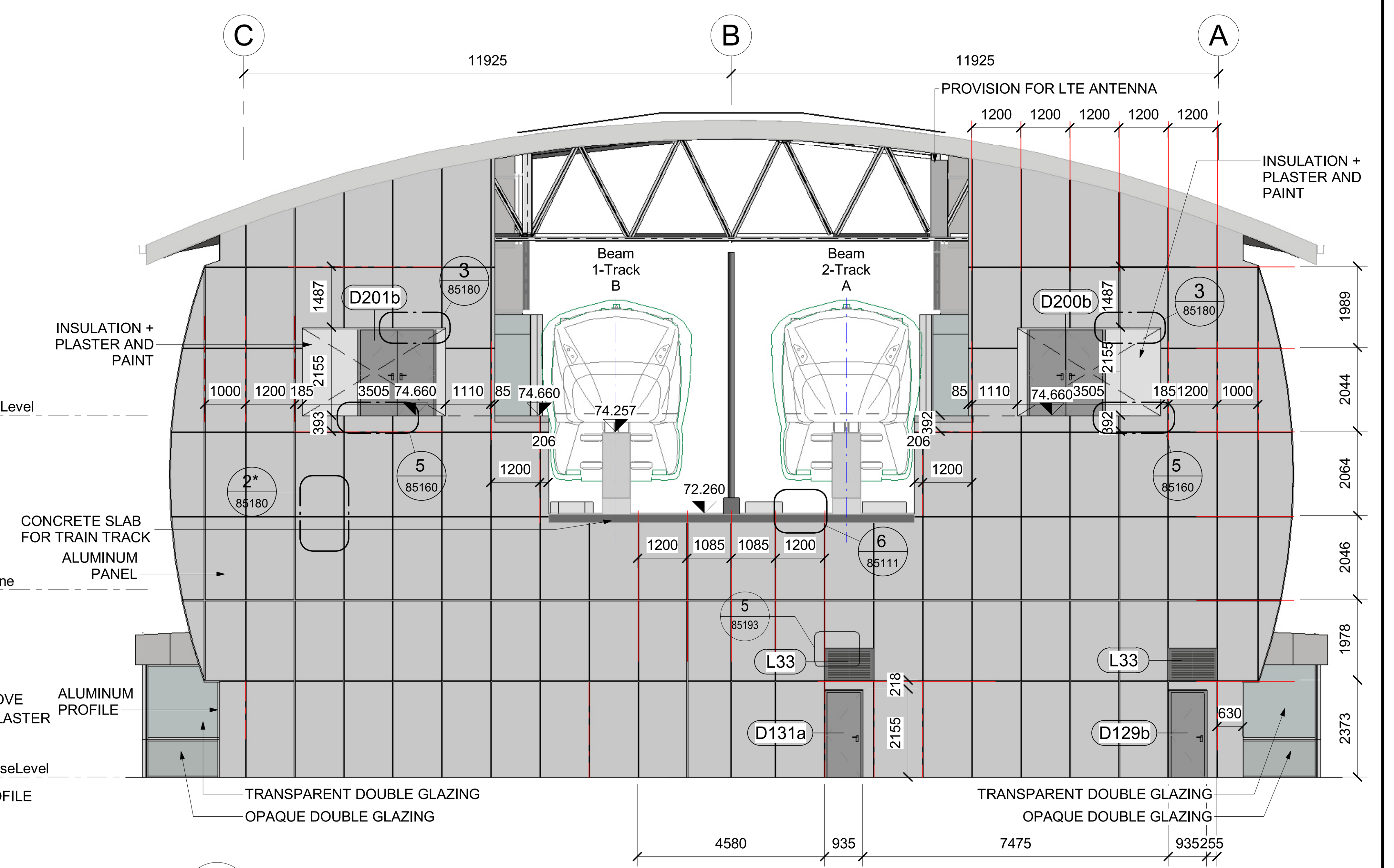


1 SOUTH WEST ELEVATION
SCALE 1 : 100



4 SOUTH WEST FACADE PLAN
SCALE 1 : 100





3 SOUTH EAST ELEVATION
SCALE 1 : 100

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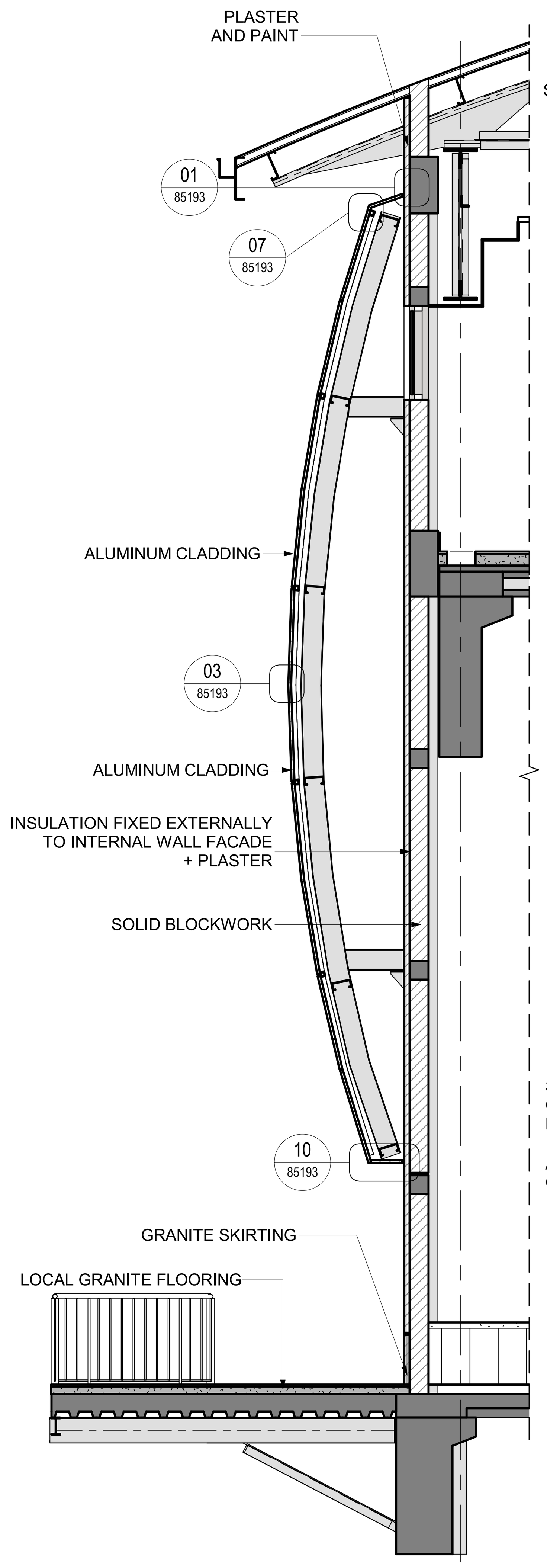
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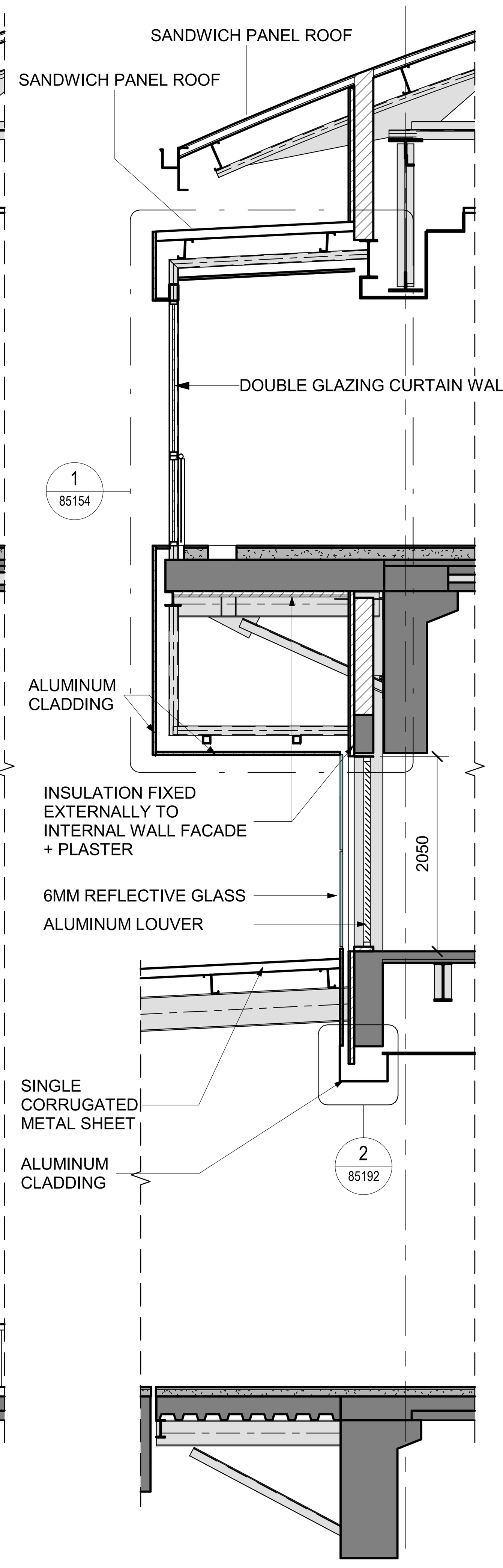
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ARCHITECTURE
INTERNAL AND EXTERNAL ELEVATION
CLOSED STATION PROTOTYPE 3.FACADE DETAILS 2

Page: 1 of 1

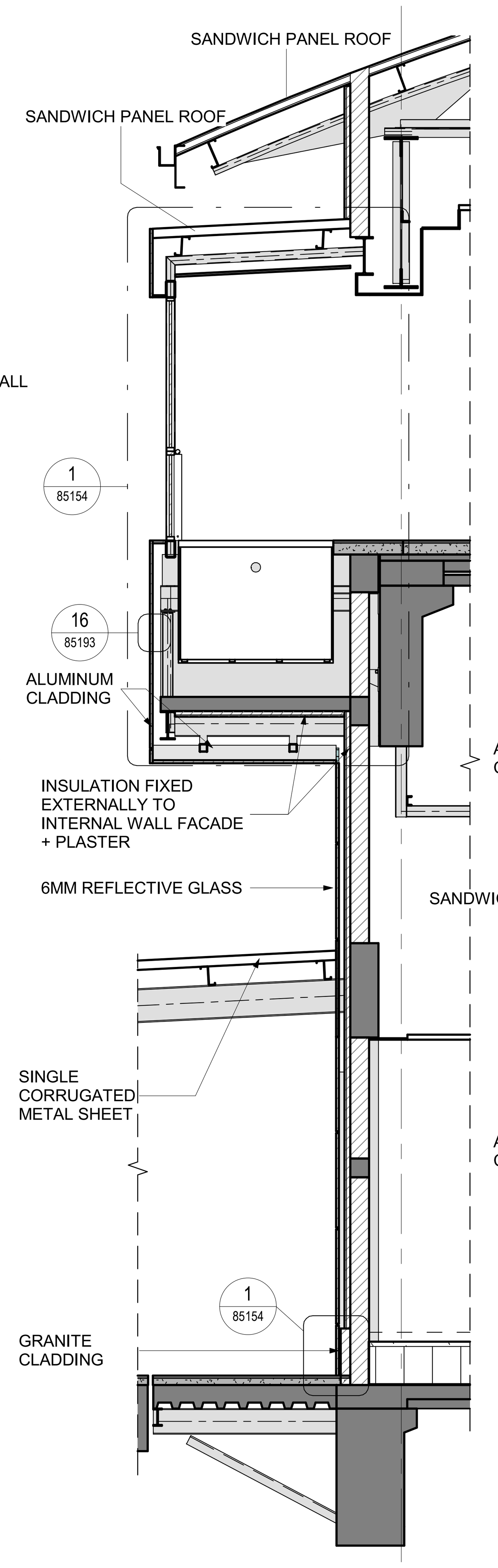
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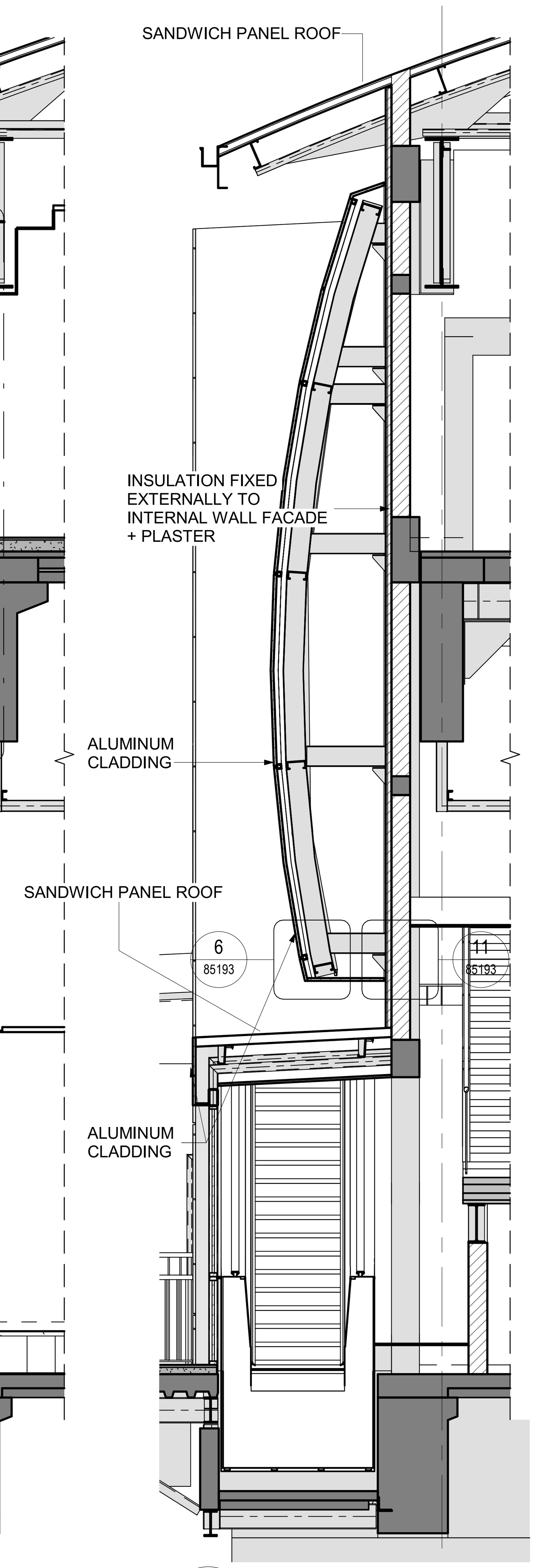
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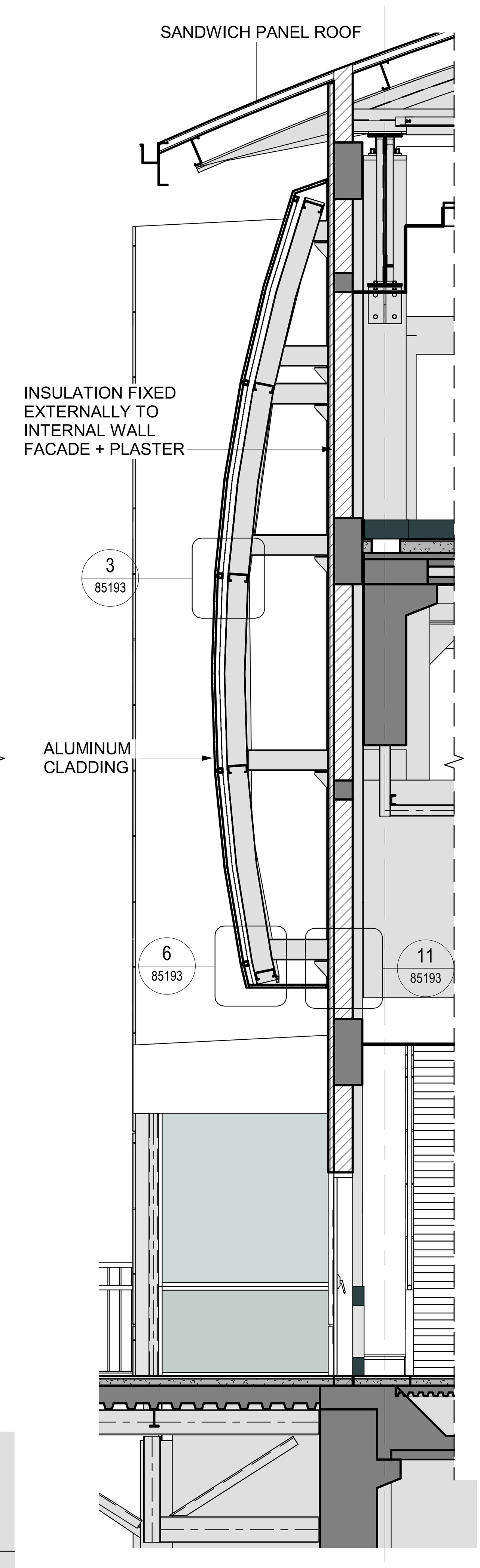
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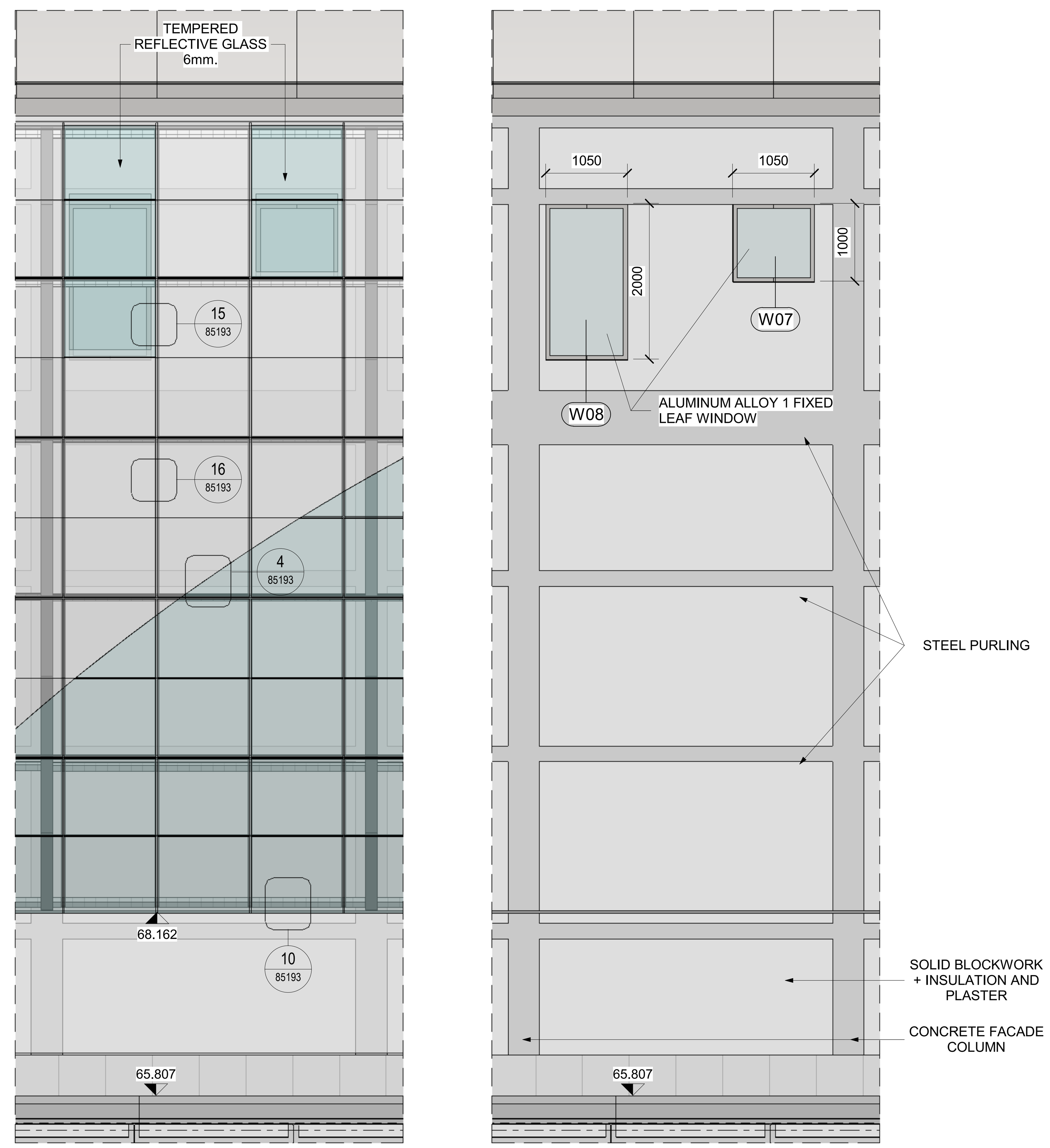
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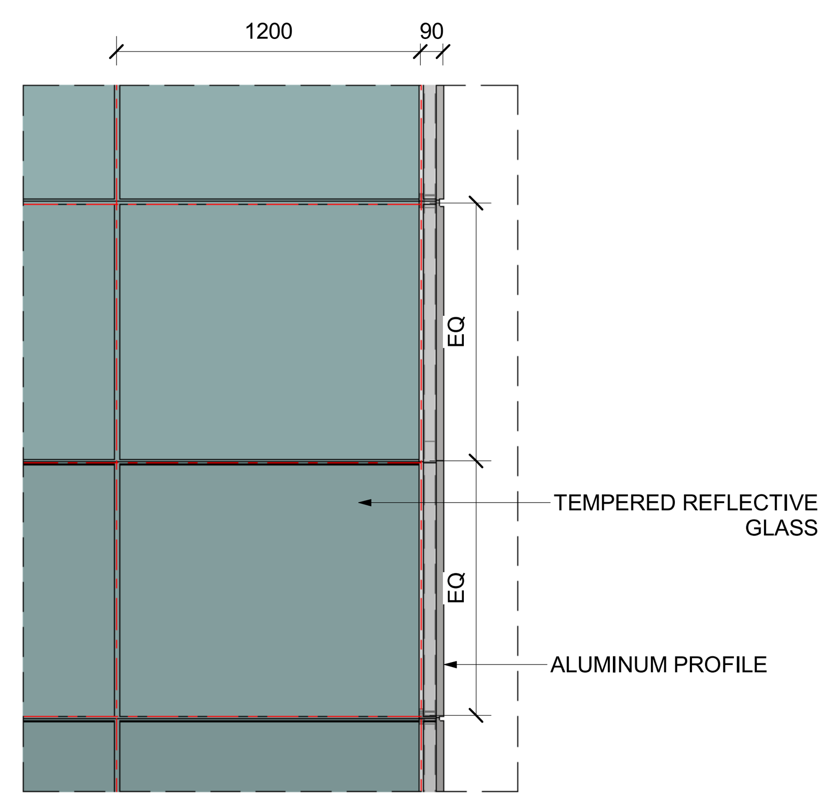
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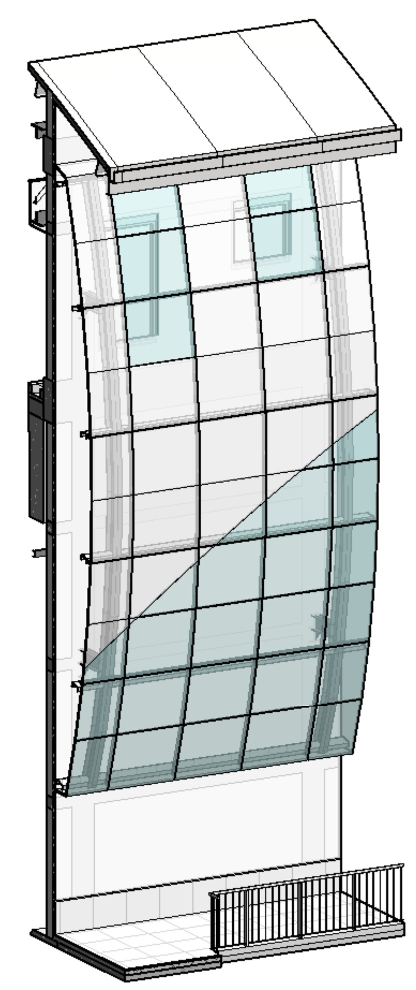
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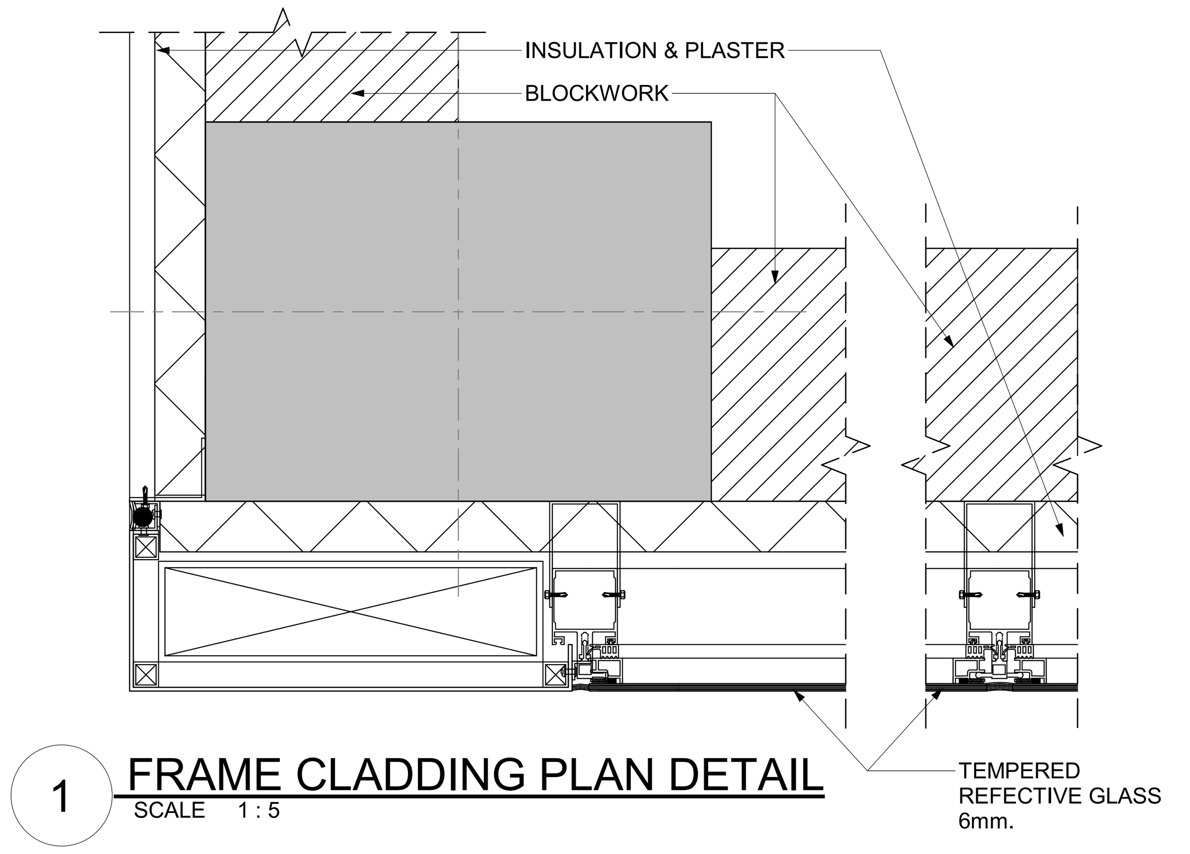
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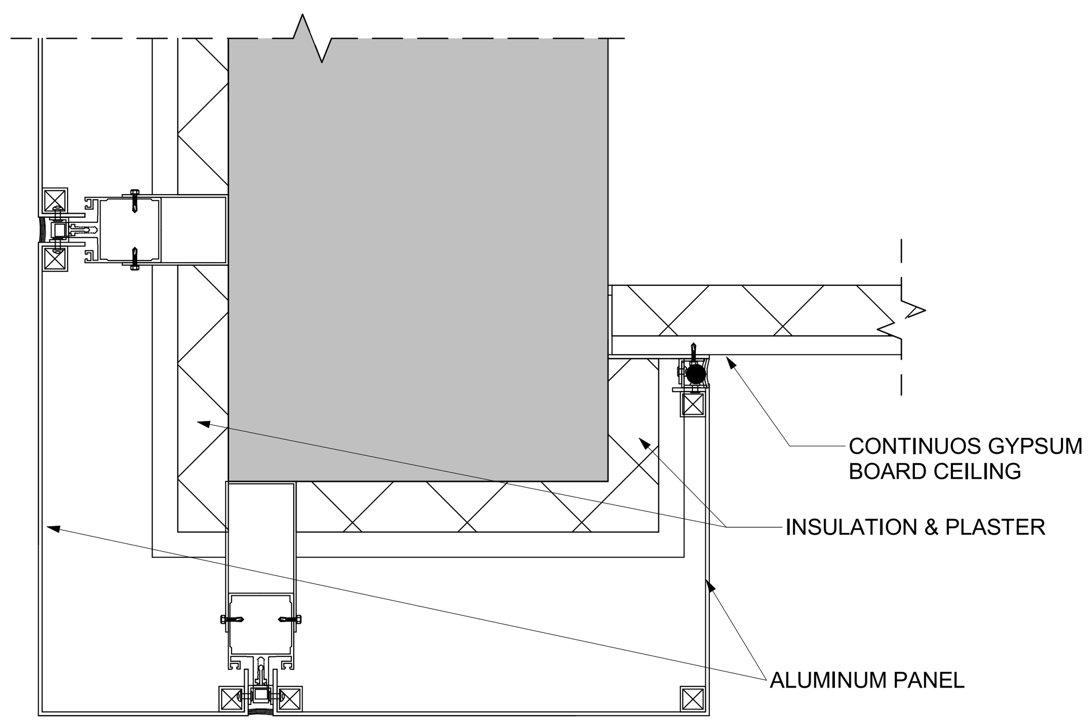
H DETAIL
SCALE 1 : 25



G DETAIL
SCALE



1 FRAME CLADDING PLAN DETAIL
SCALE 1 : 5



2 FRAME CLADDING CELING DETAIL
SCALE 1 : 5

NOTES :

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**DETAIL AND PANELLING SIZE TO BE FURTHER DETAILED DURING SHOP DRAWINGS PHASE WITH SPECIALIST SUPPLIER

* FINAL FACADE DETAILS TO BE PROVIDED AND DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING STAGE.

MATERIAL SUBMITTAL TO BE PROVIDED IN ACCORDANCE WITH THE FACADE CLADDING DETAILS.

REFERENCE DRAWINGS :

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2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
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SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/05/12	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL
B	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
INTERNAL AND EXTERNAL ELEVATION
CLOSED STATION PROTOTYPE 3.FACADE DETAILS 3

Page: 1 of 1

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85192	-	B



*PERFORATION DETAIL PATTERN MAY BE ADJUSTED IN SHOPDRAWING STAGE BY SUPPLIER SPECIALIST
MINIMUM PERFORATION REQUIRED FOR AIR FLOW TO BE 50% AND VERIFIED BY SUPPLIER SPECIALIST.

22 PERFORATION DETAIL
SCALE 1 : 10

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**DETAIL AND PANELLING SIZE TO BE FURTHER DETAILED DURING SHOP DRAWINGS PHASE WITH SPECIALIST SUPPLIER

*DETAILS AND PANELLING SITE TO BE FURTHER DEVELOPED IN SHOP DRAWING PHASE WITH APPOINTED SUPPLIER.

REFERENCE DRAWINGS :

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KEY PLAN :

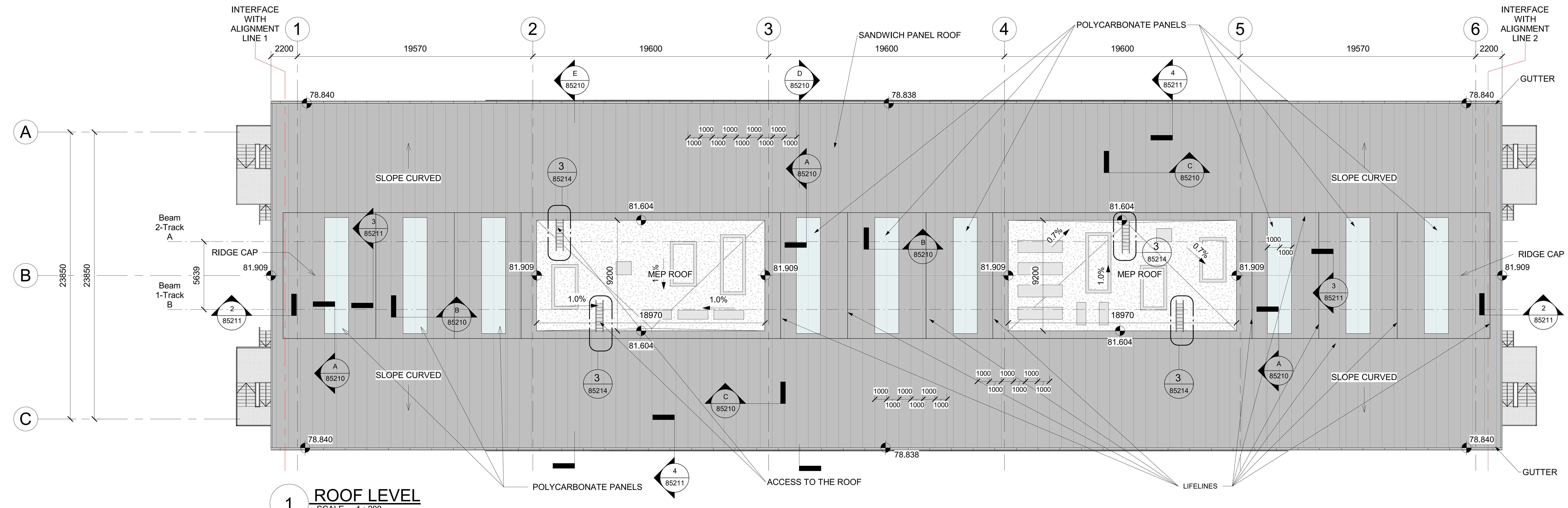
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SCALE : As indicated
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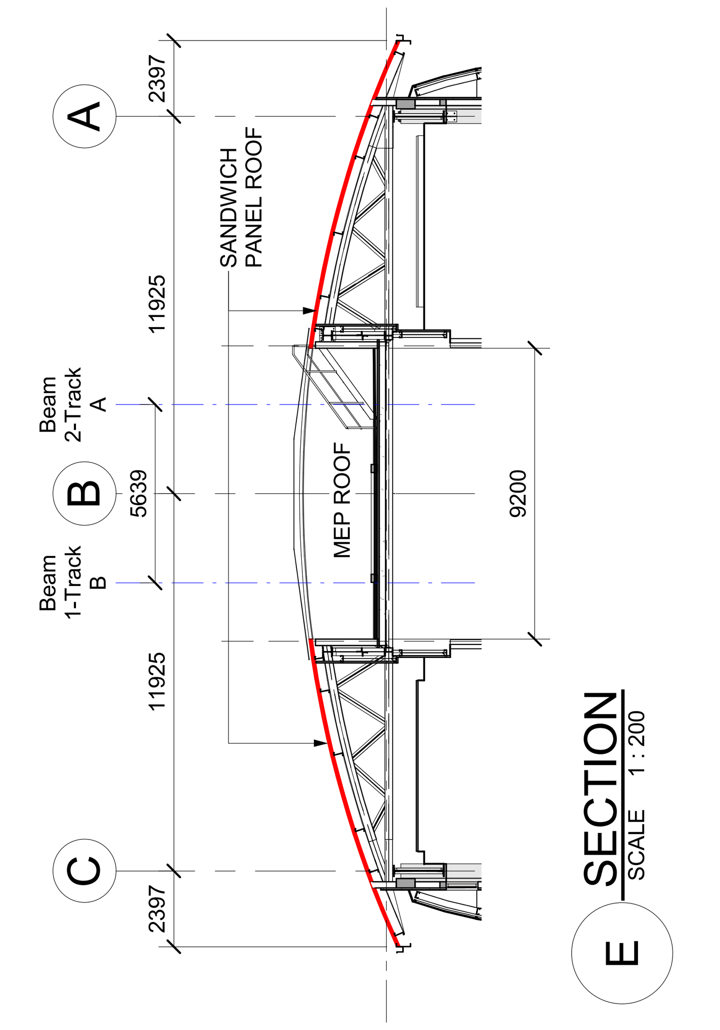
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ARCHITECTURE
INTERNAL AND EXTERNAL ELEVATION
CLOSED STATION PROTOTYPE 3.FACADE DETAILS 4

Page: 1 of 1

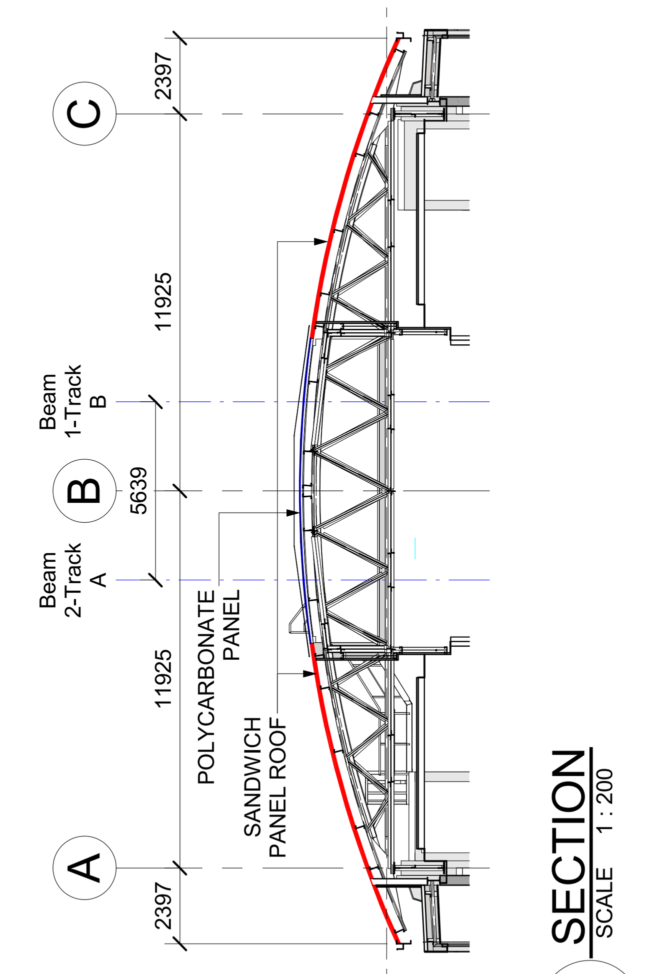
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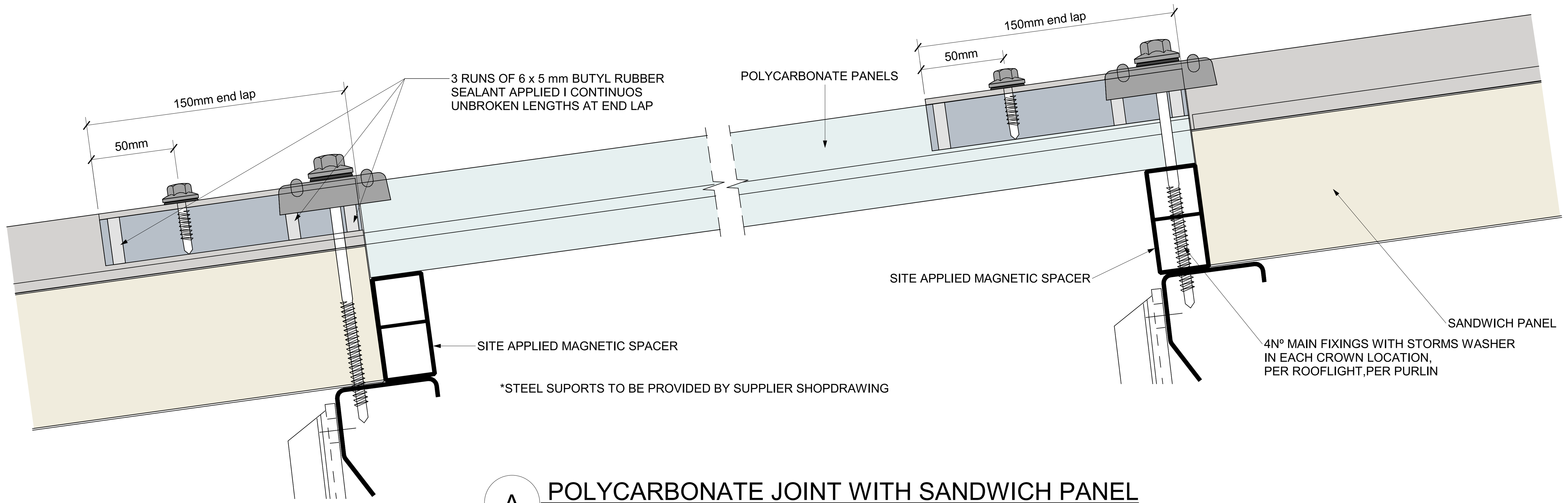
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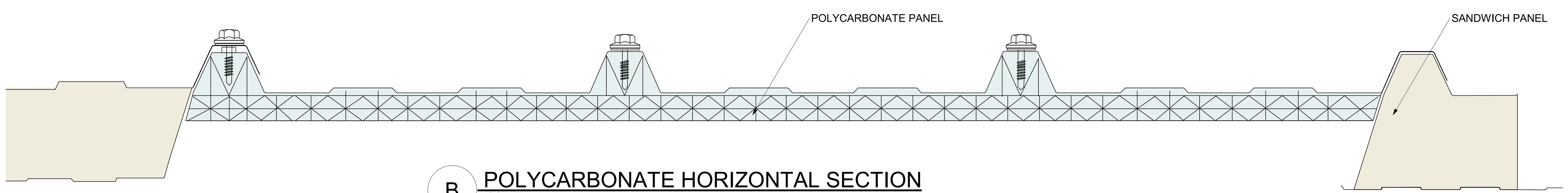
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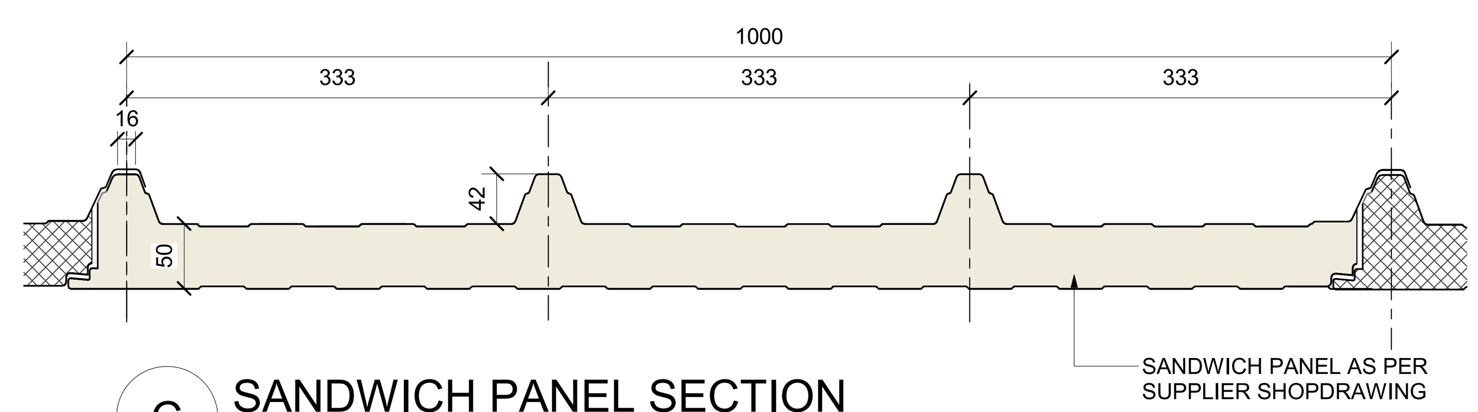
D SECTION
SCALE 1 : 200



A POLYCARBONATE JOINT WITH SANDWICH PANEL
SCALE 1 : 2



B POLYCARBONATE HORIZONTAL SECTION
SCALE 1 : 1



C SANDWICH PANEL SECTION
SCALE 1 : 5

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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
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- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31017
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0540-SHK-000PW-DDG-31110

REFERENCE DRAWINGS :

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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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KEY PLAN :

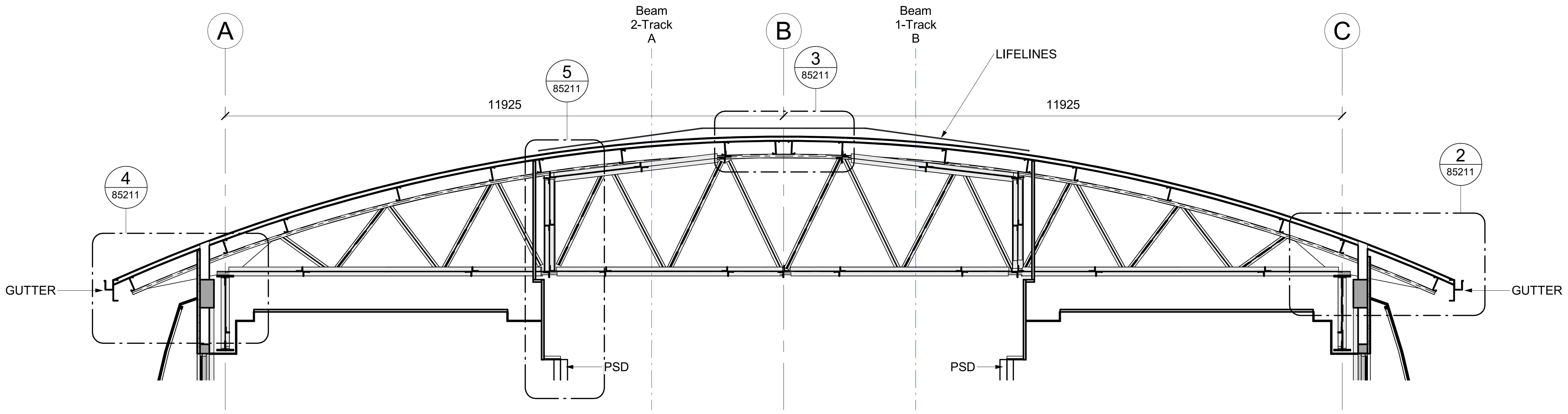
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B	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

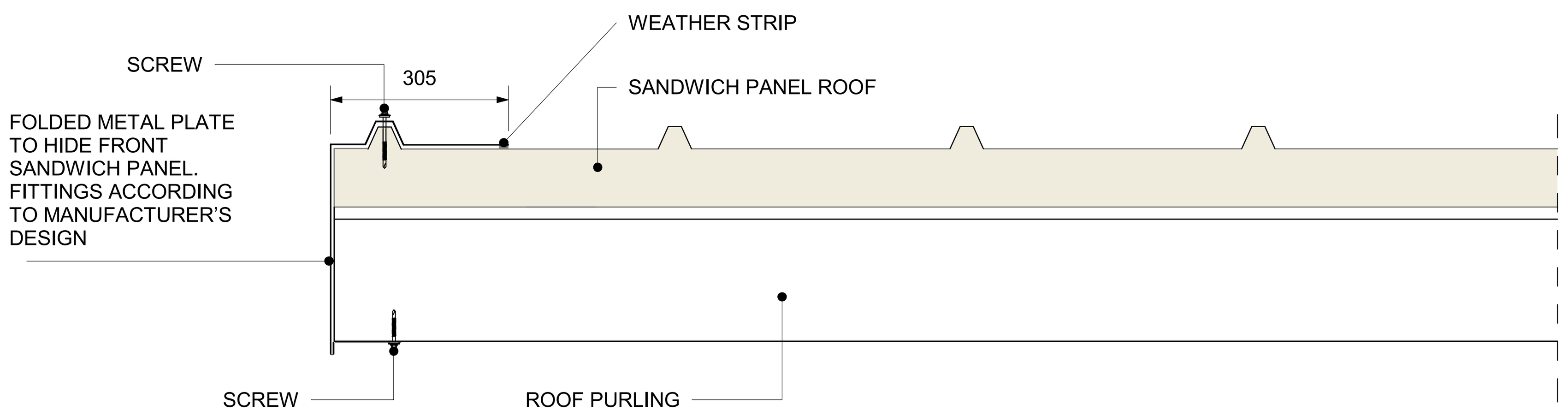
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DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.STATION ROOF DETAILS 1

Page: 1 of 1

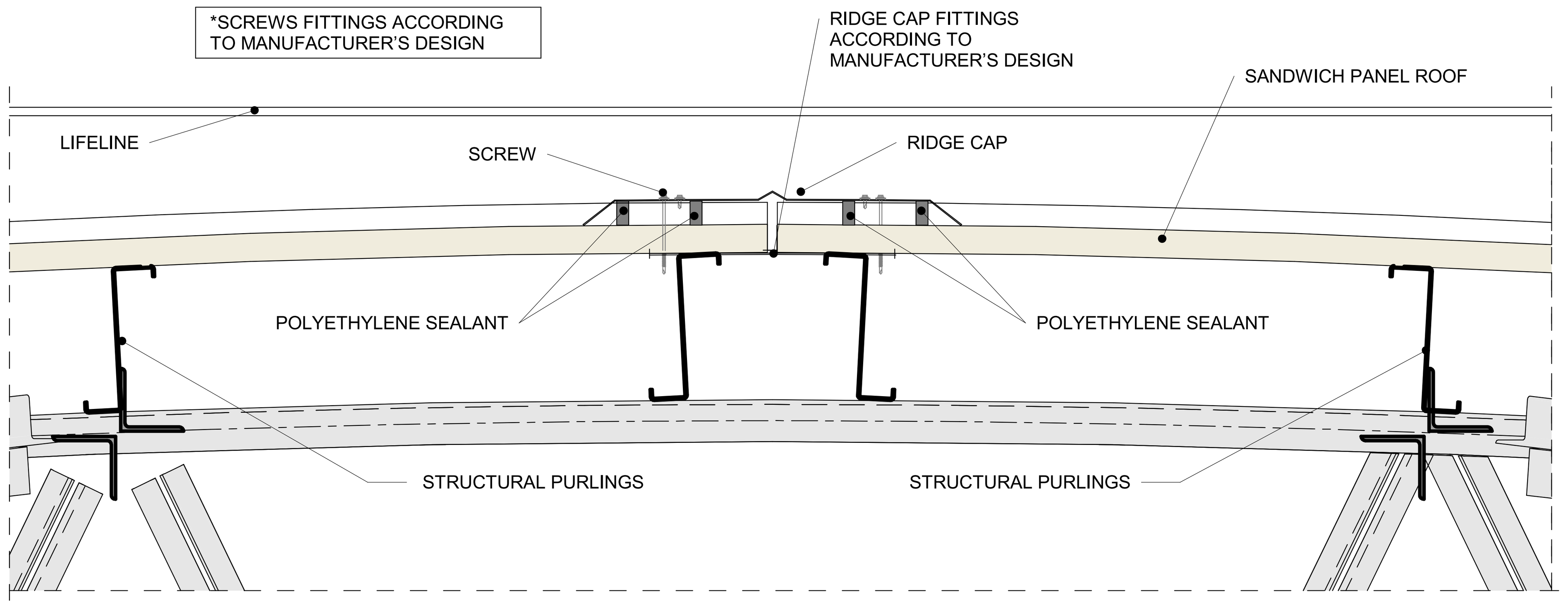
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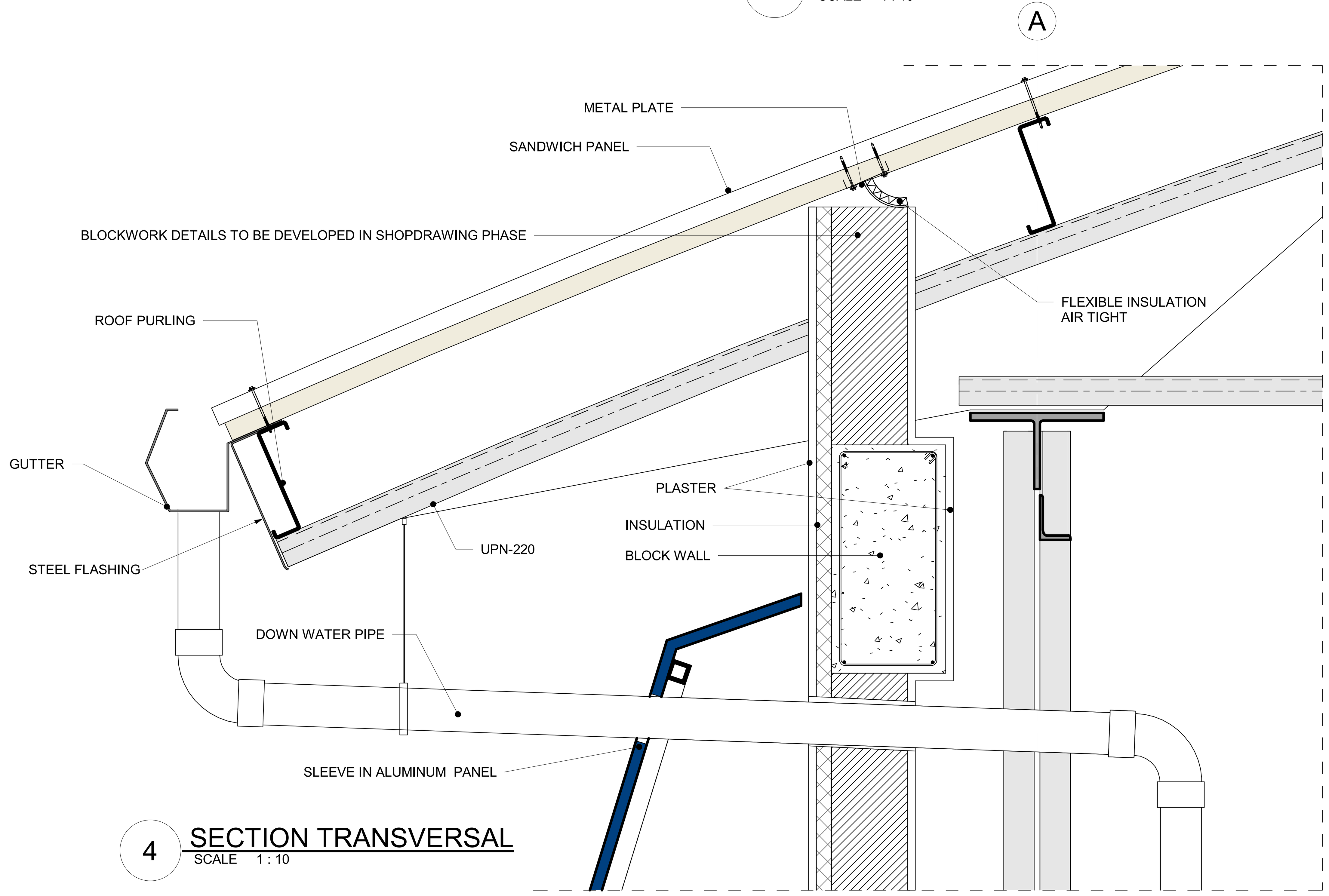
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SCALE 1 : 75



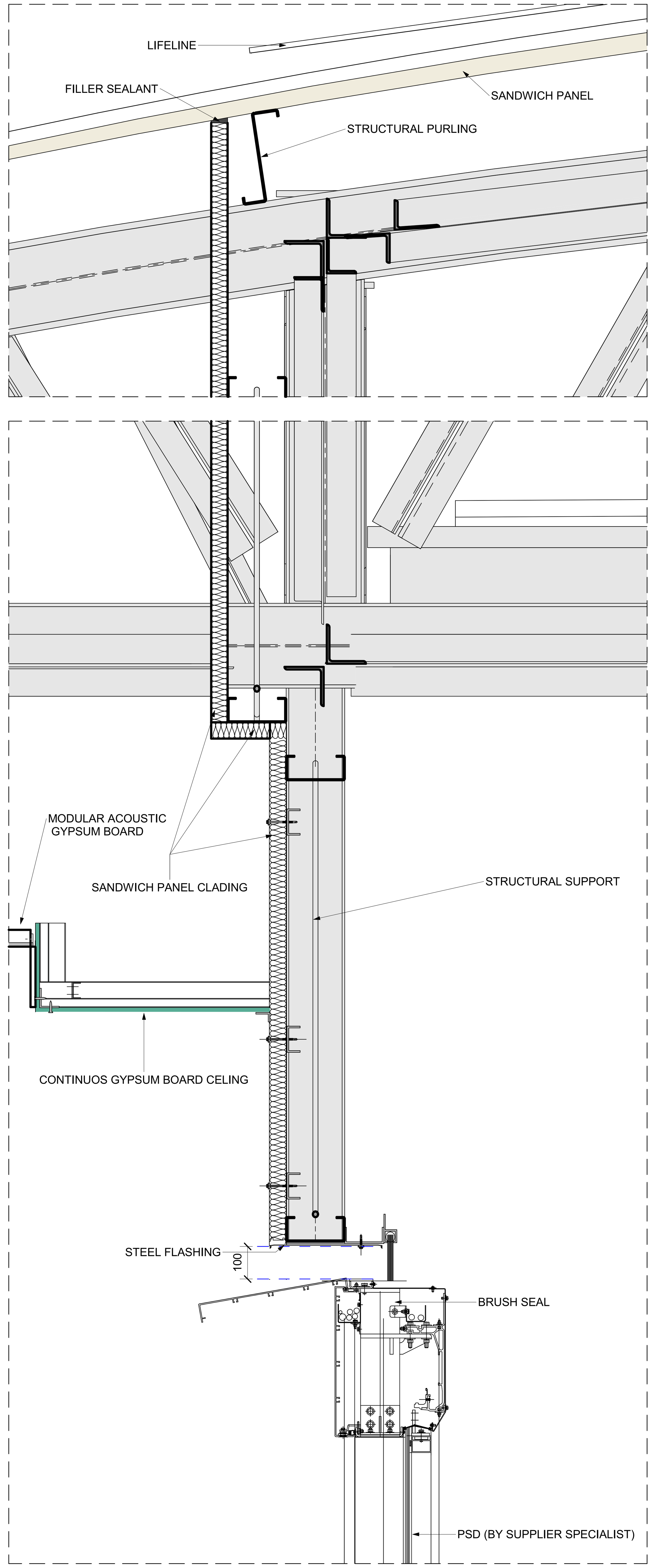
2 SECTION SANDWICH PANEL
SCALE 1 : 10



3 DETAIL RIDGE CAP SANDWICH PANEL
SCALE 1 : 10



4 SECTION TRANSVERSAL
SCALE 1 : 10



5 PSD DETAIL
SCALE 1 : 10

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- 93M-0501-SHK-000PW-DDG-31013
- 93M-0501-SHK-000PW-DDG-31017
- 93M-0501-SHK-000PW-DDG-31022
- 93M-0540-SHK-000PW-DDG-31110

REFERENCE DRAWINGS :

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The Arab Contractors
BOMBARDIER
Main Contractor

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SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

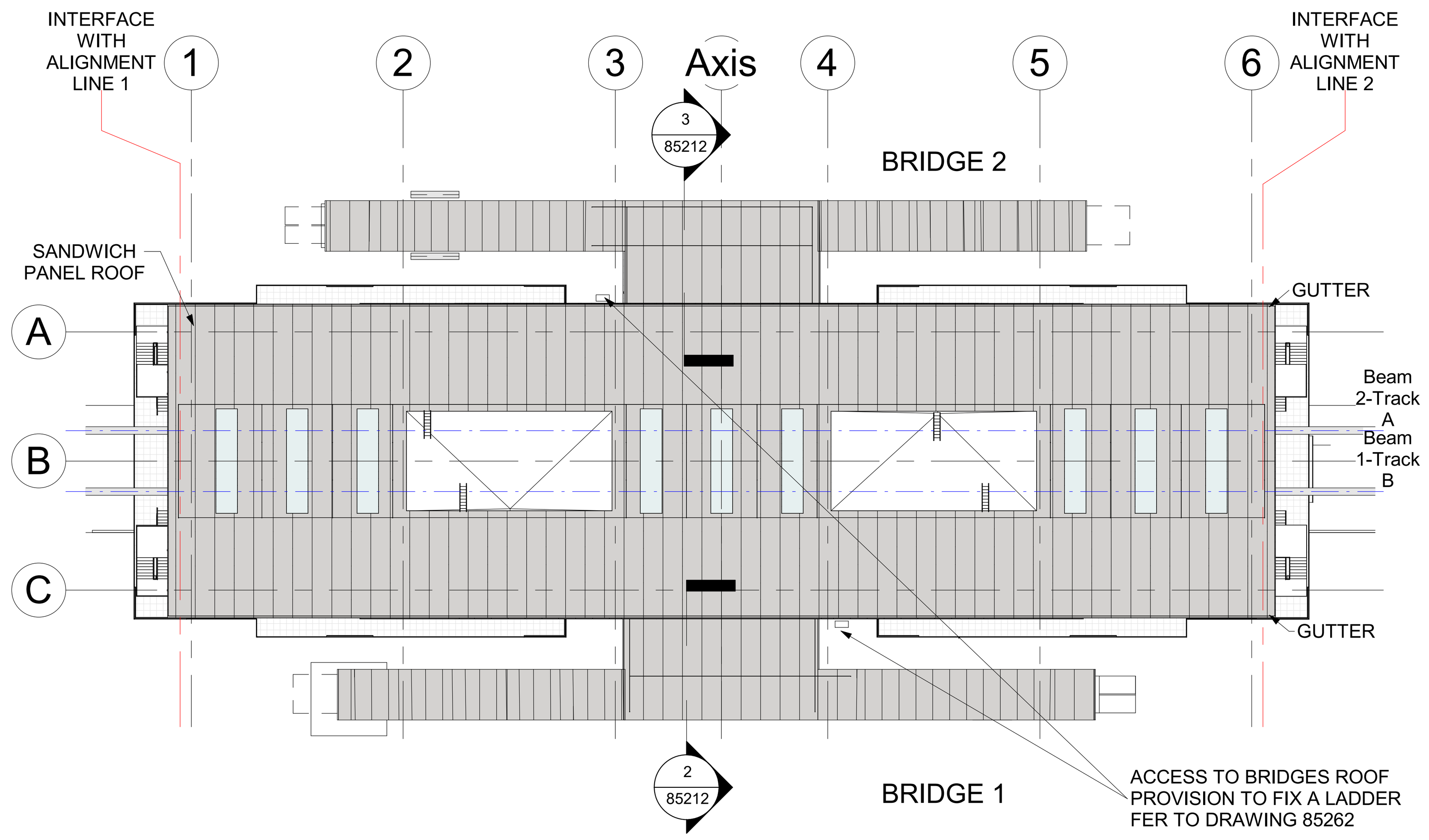
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PURPOSE OF ISSUE : FOR APPROVAL

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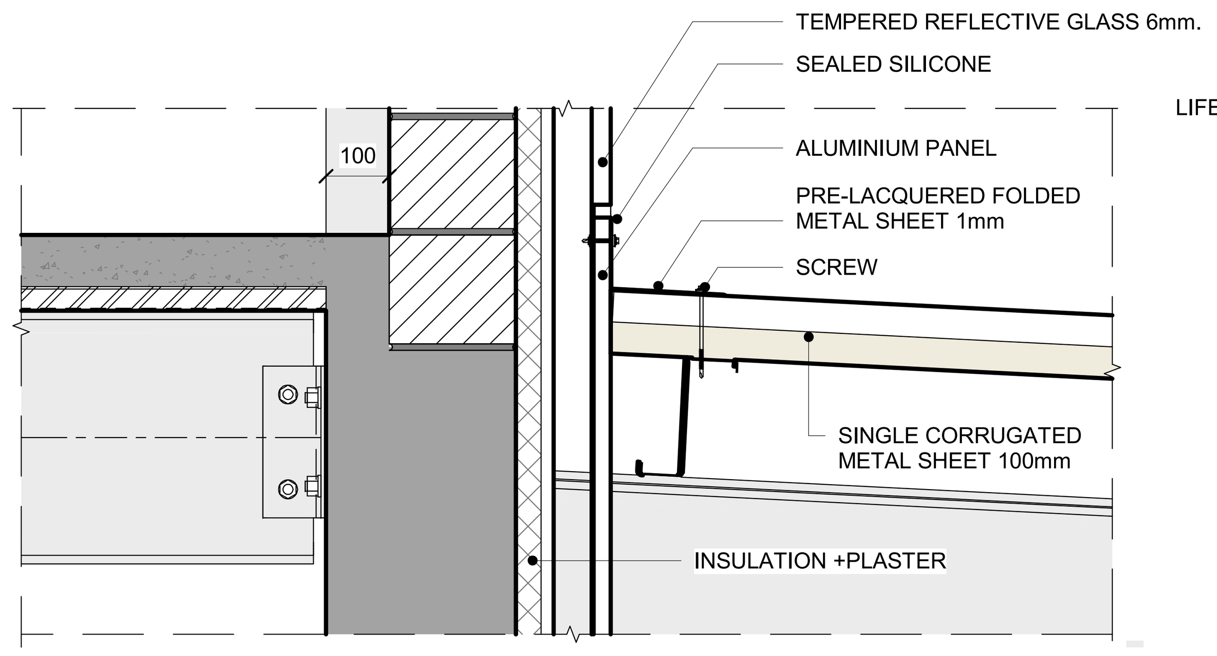
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ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.STATION ROOF DETAILS 2

Page: 1 of 1

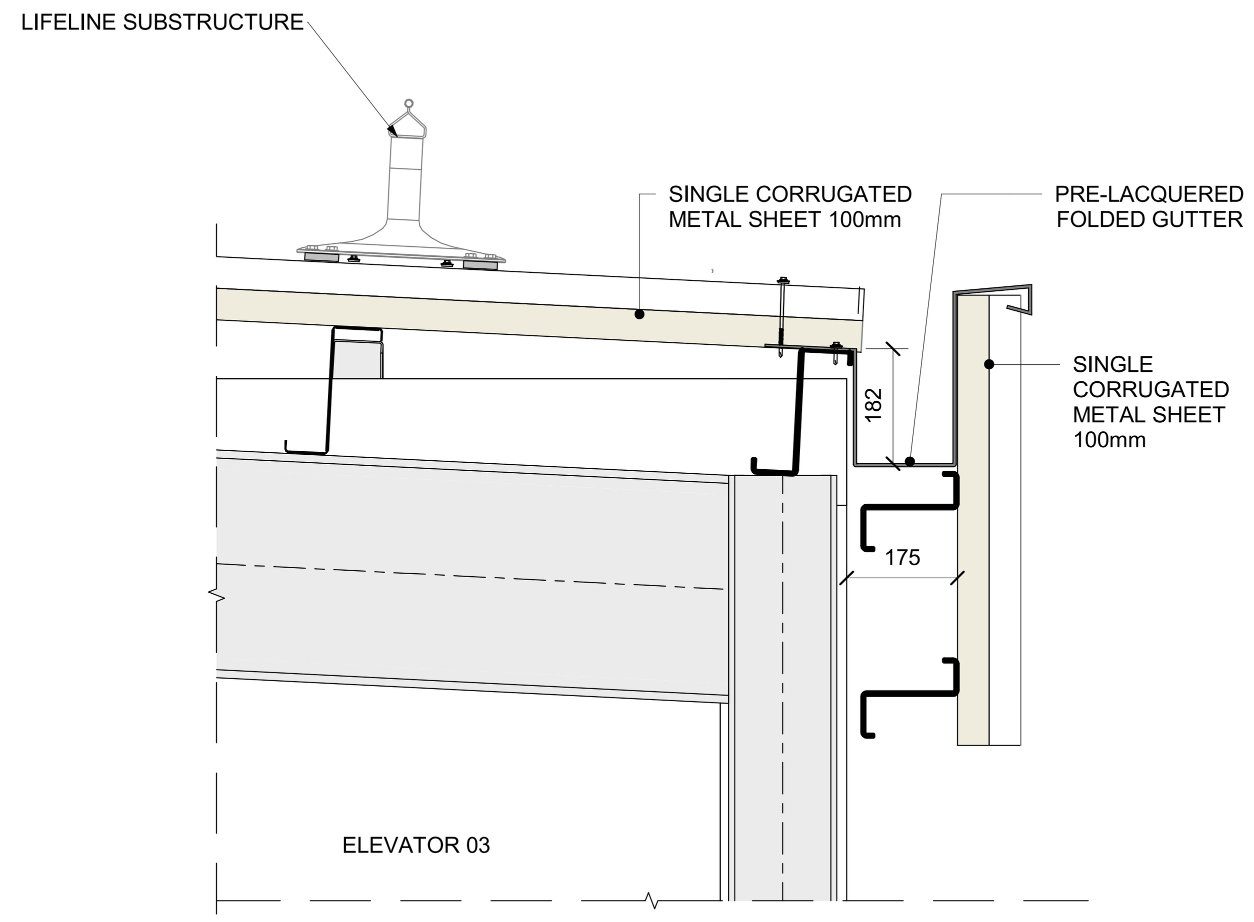
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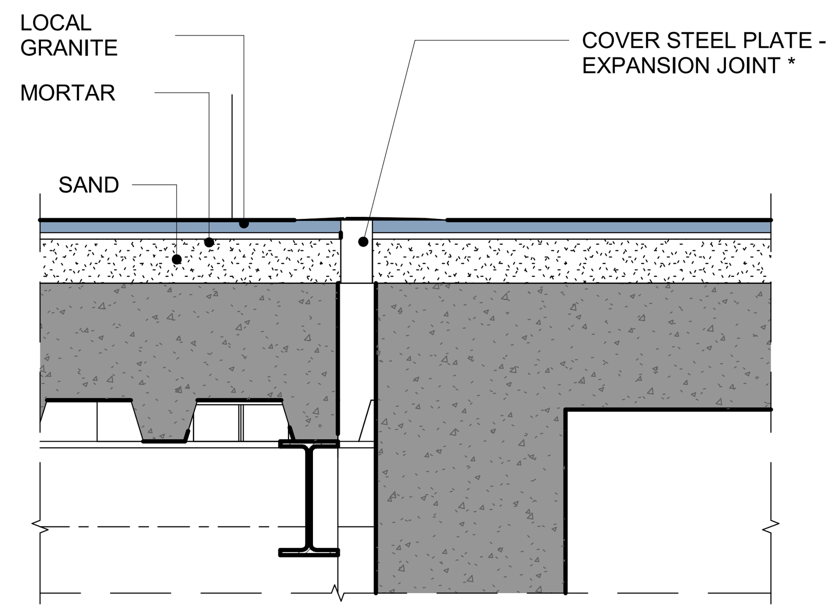
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SCALE 1 : 500



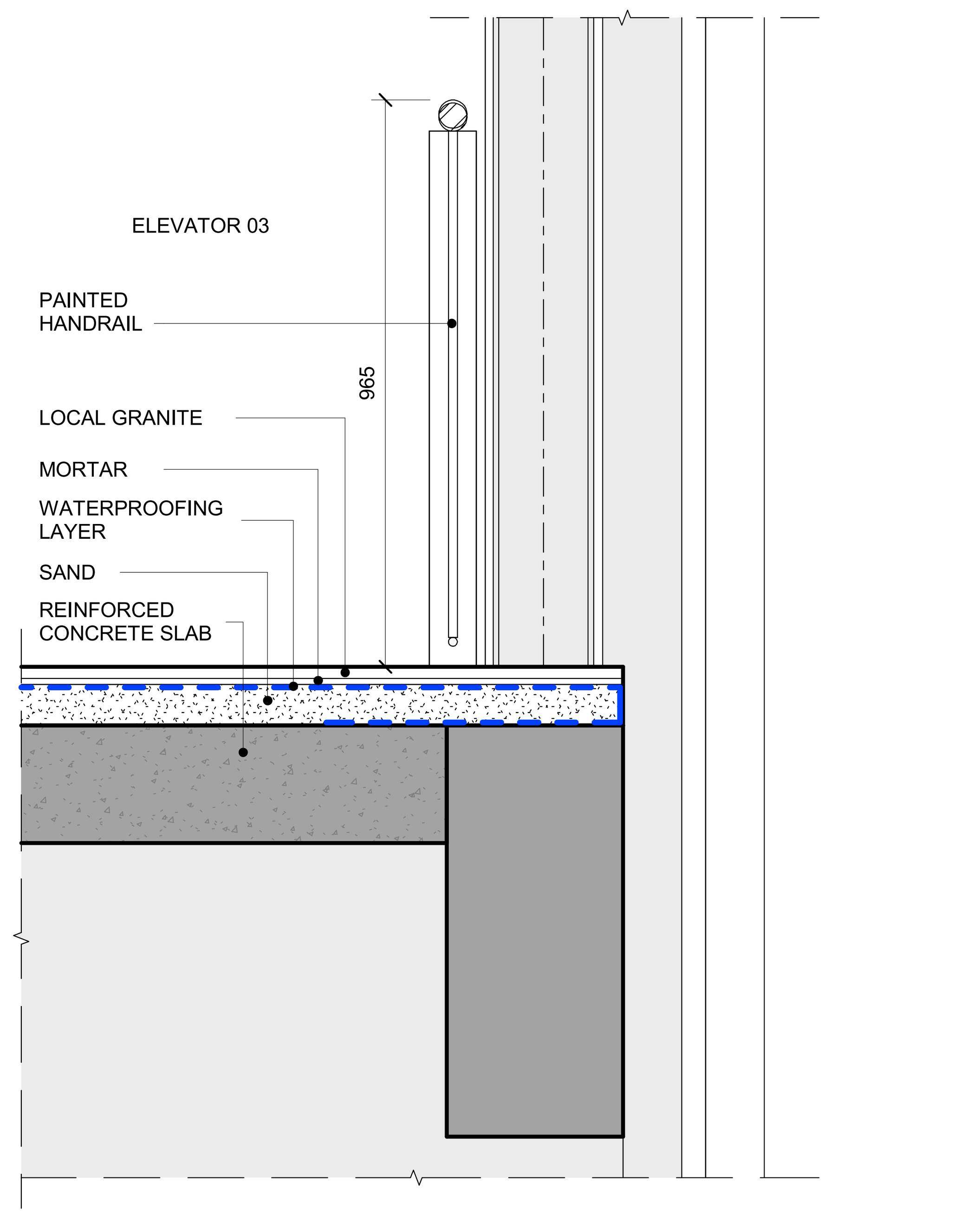
5 SINGLE CORRUGATED METAL SHEET ROOF
SCALE 1 : 10



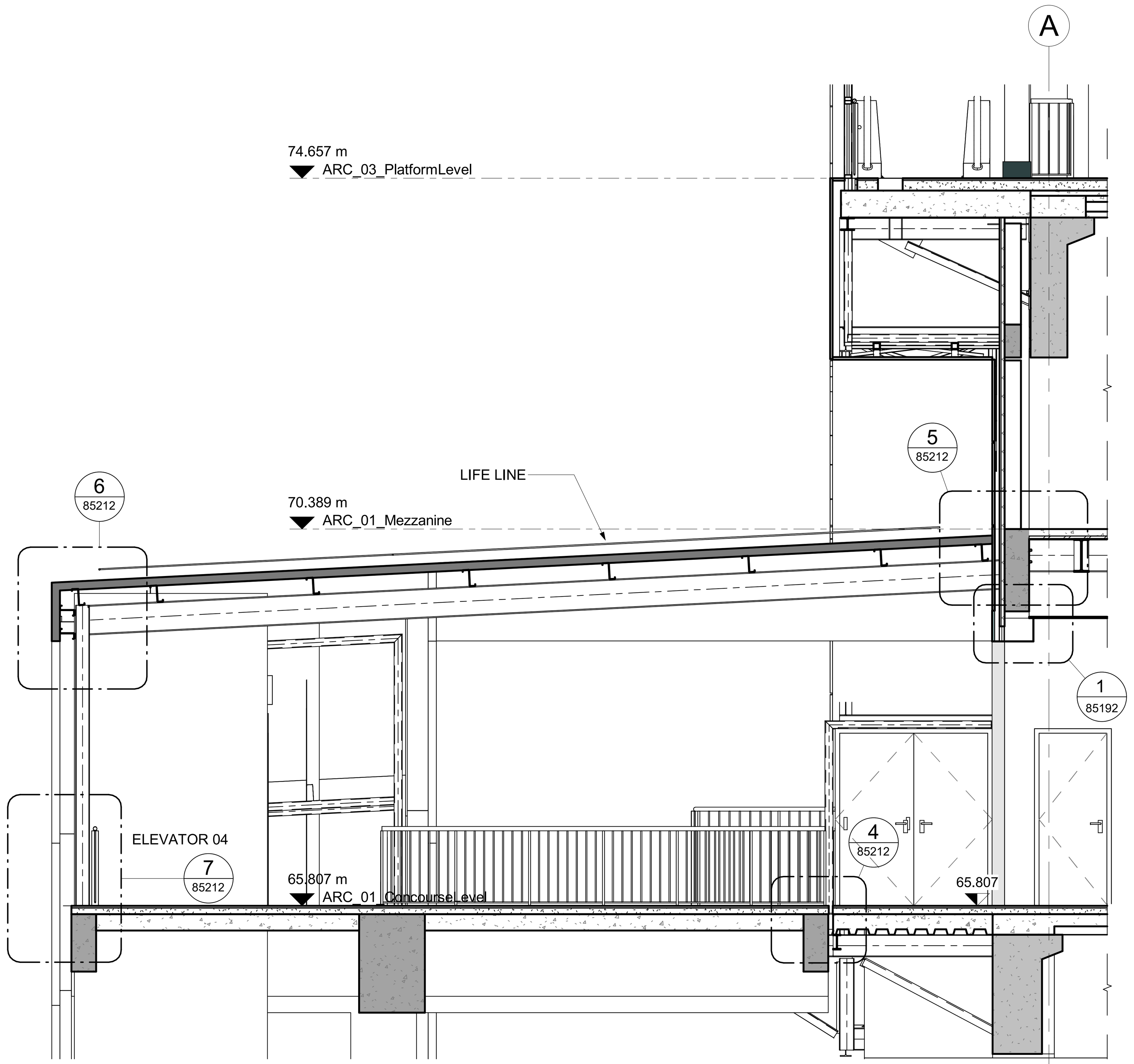
6 DETAIL
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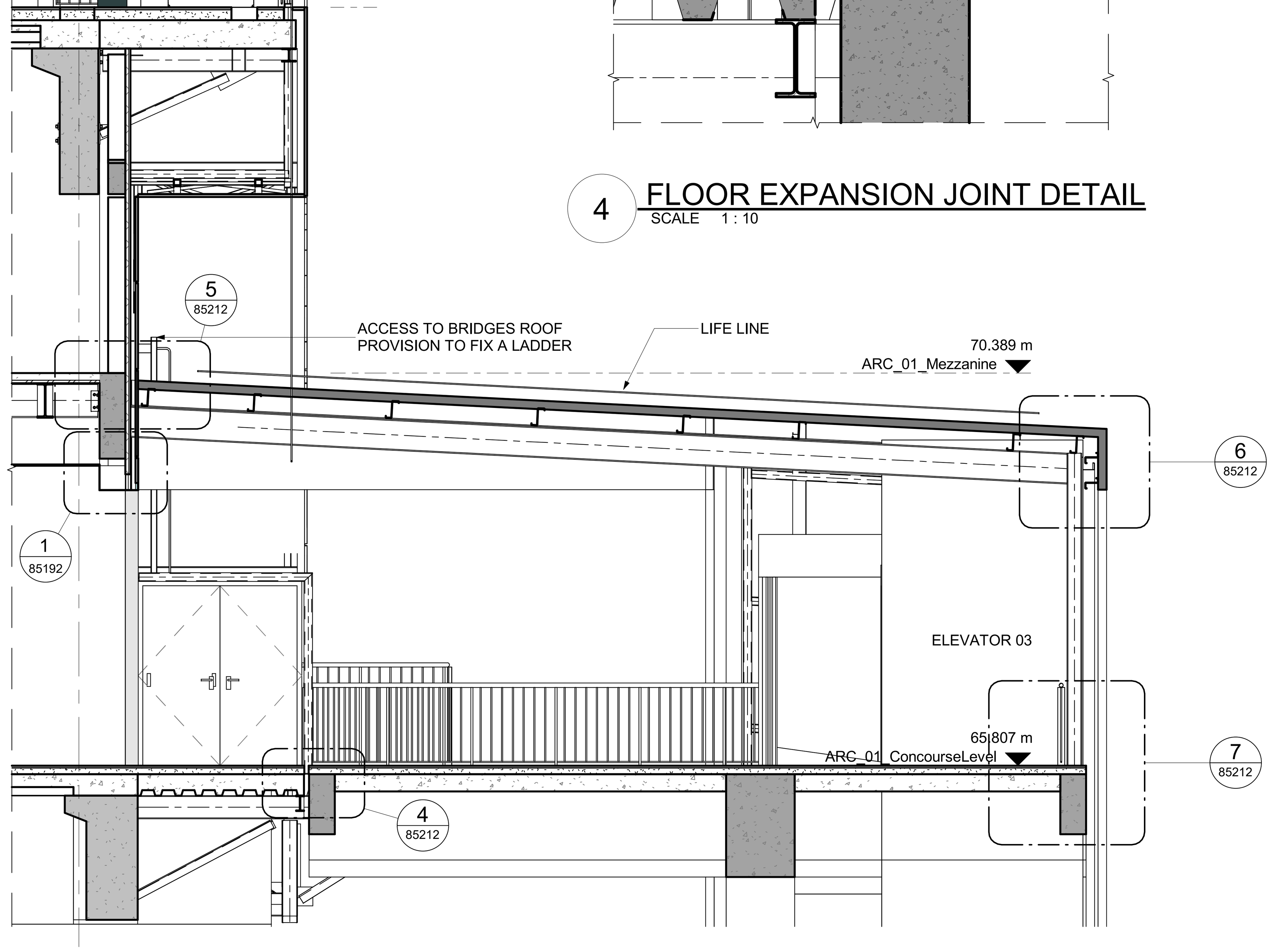
4 FLOOR EXPANSION JOINT DETAIL
SCALE 1 : 10



7 DETAIL
SCALE 1 : 10



2 ROOF BRIDGE. SECTION
SCALE 1 : 50



3 ROOF BRIDGE. SECTION
SCALE 1 : 50

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REFERENCE DRAWINGS :

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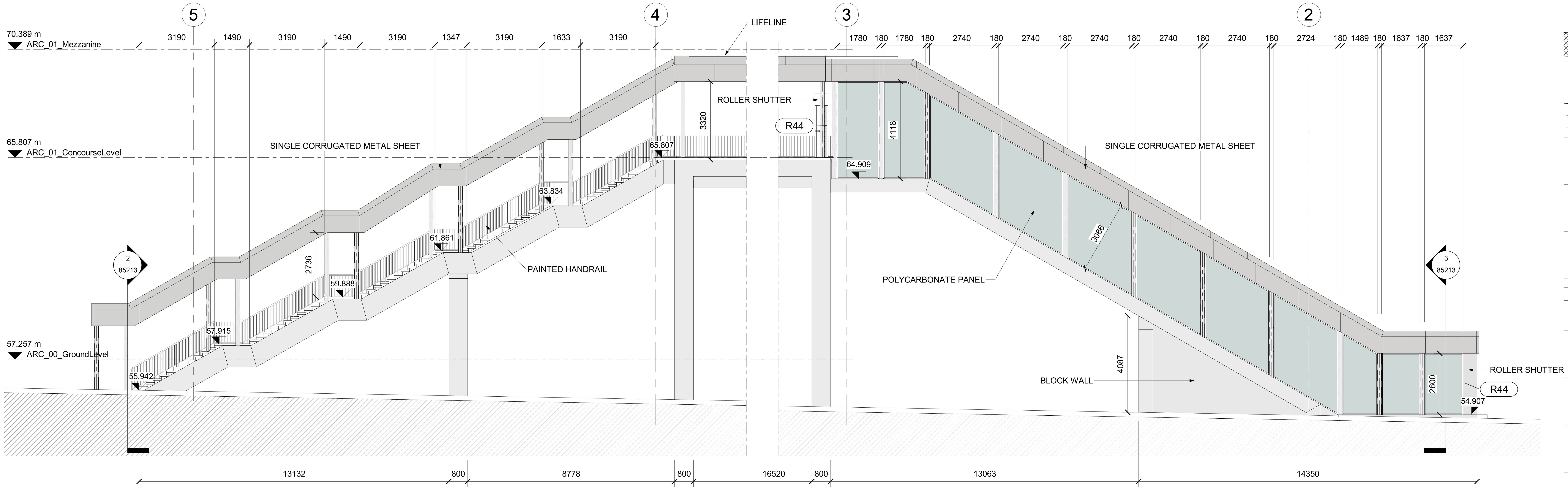
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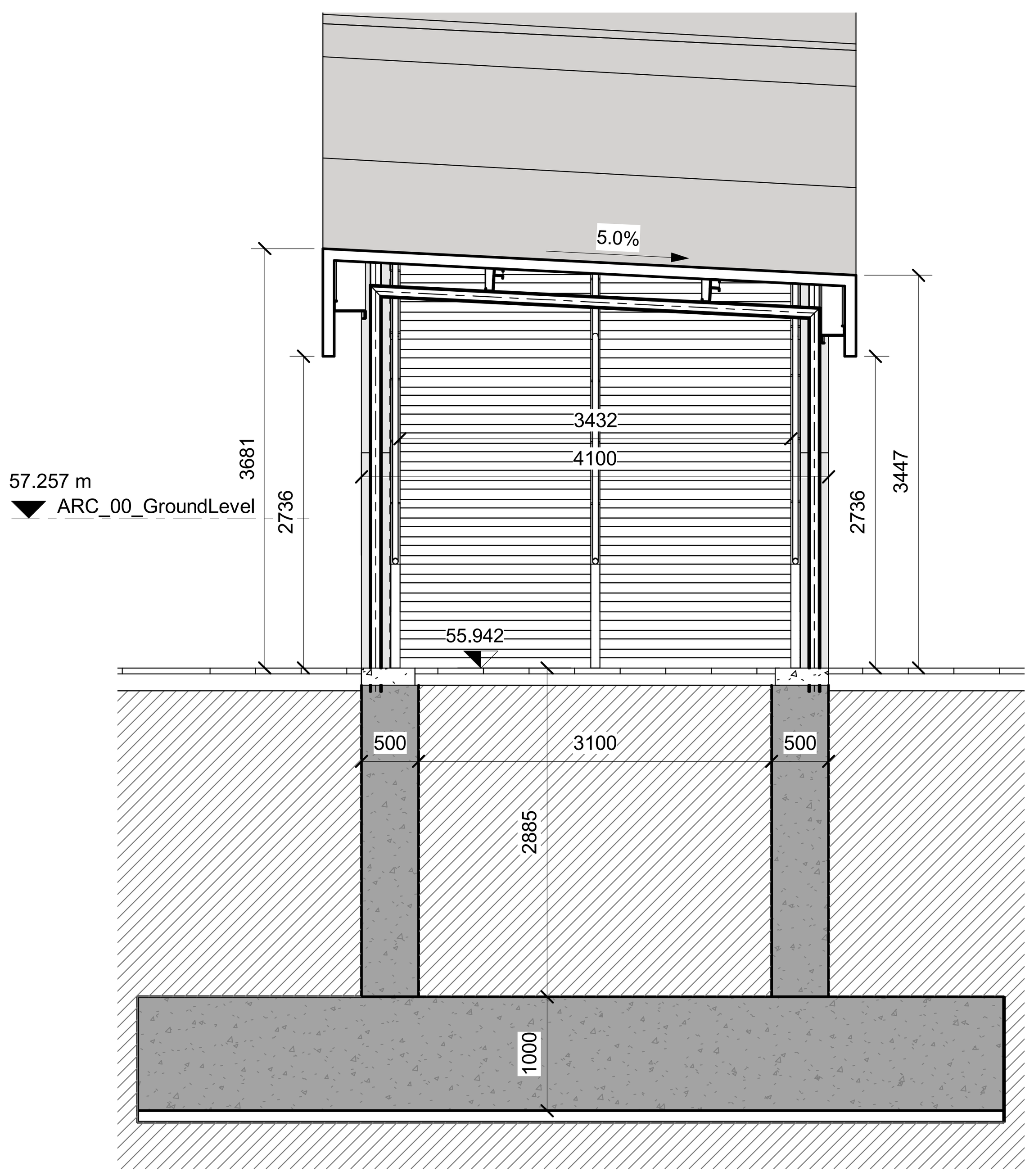
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ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.BRIDGE ROOF DETAILS

Page: 1 of 1

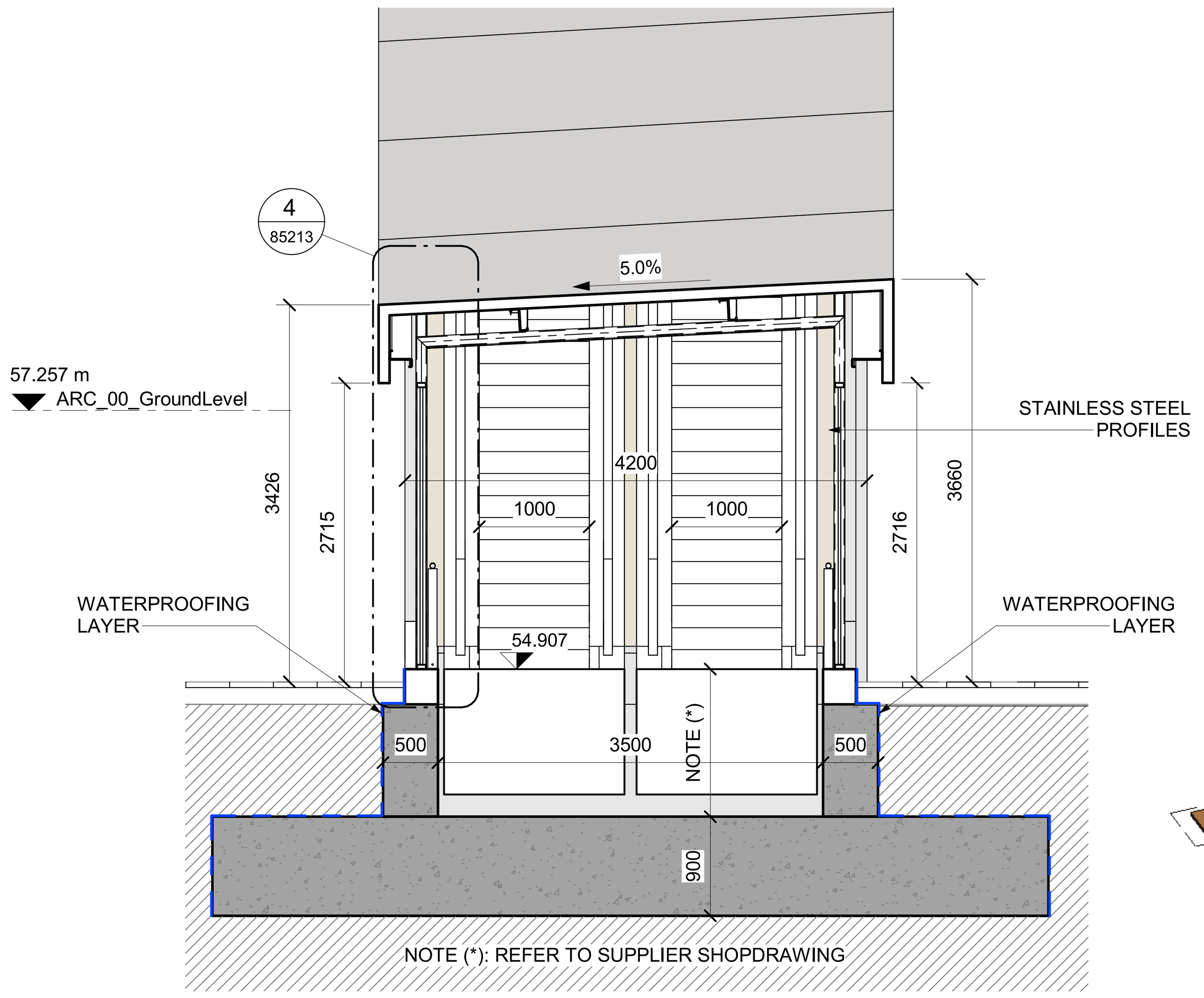
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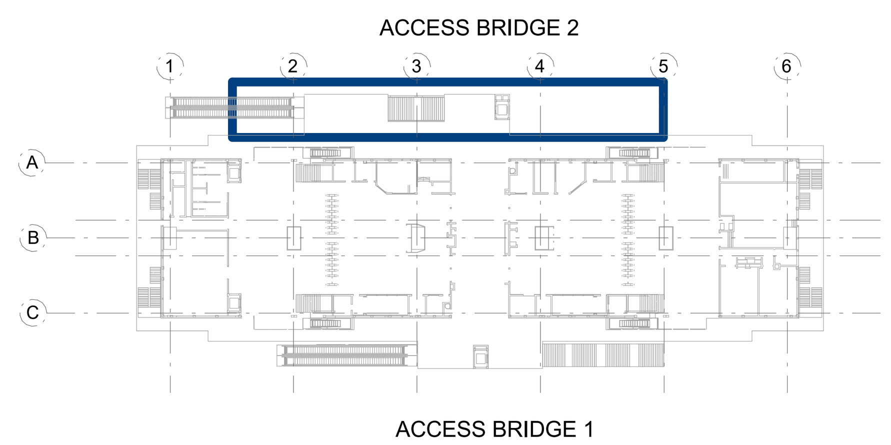


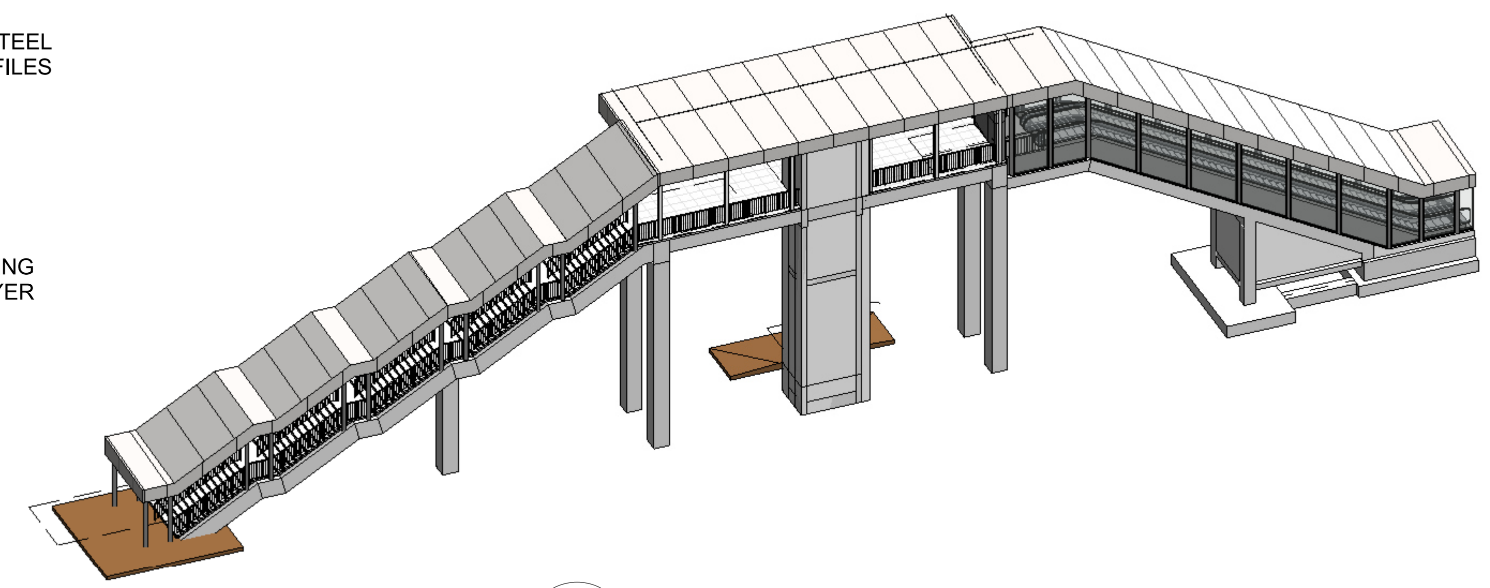
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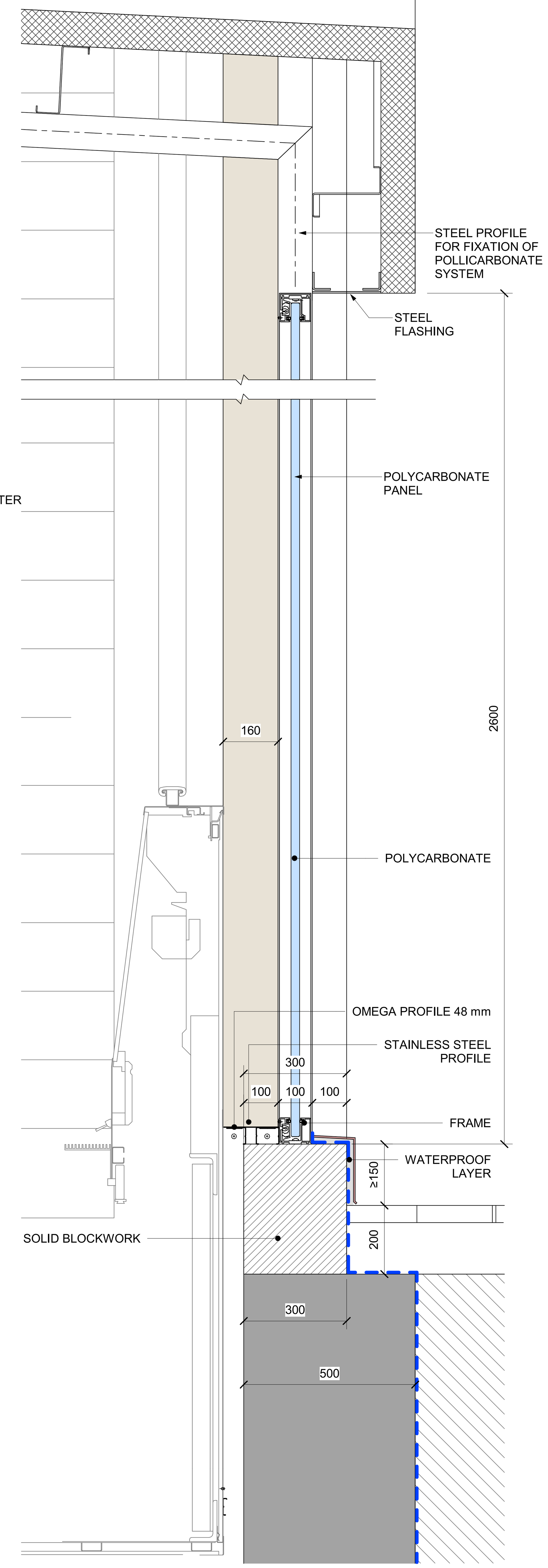
2 SECTION
SCALE 1 : 50







5 3D VIEW
SCALE



4 DETAIL
SCALE 1 : 10

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- 93M-0407-SEN-000PW-END-53650

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KEY PLAN :

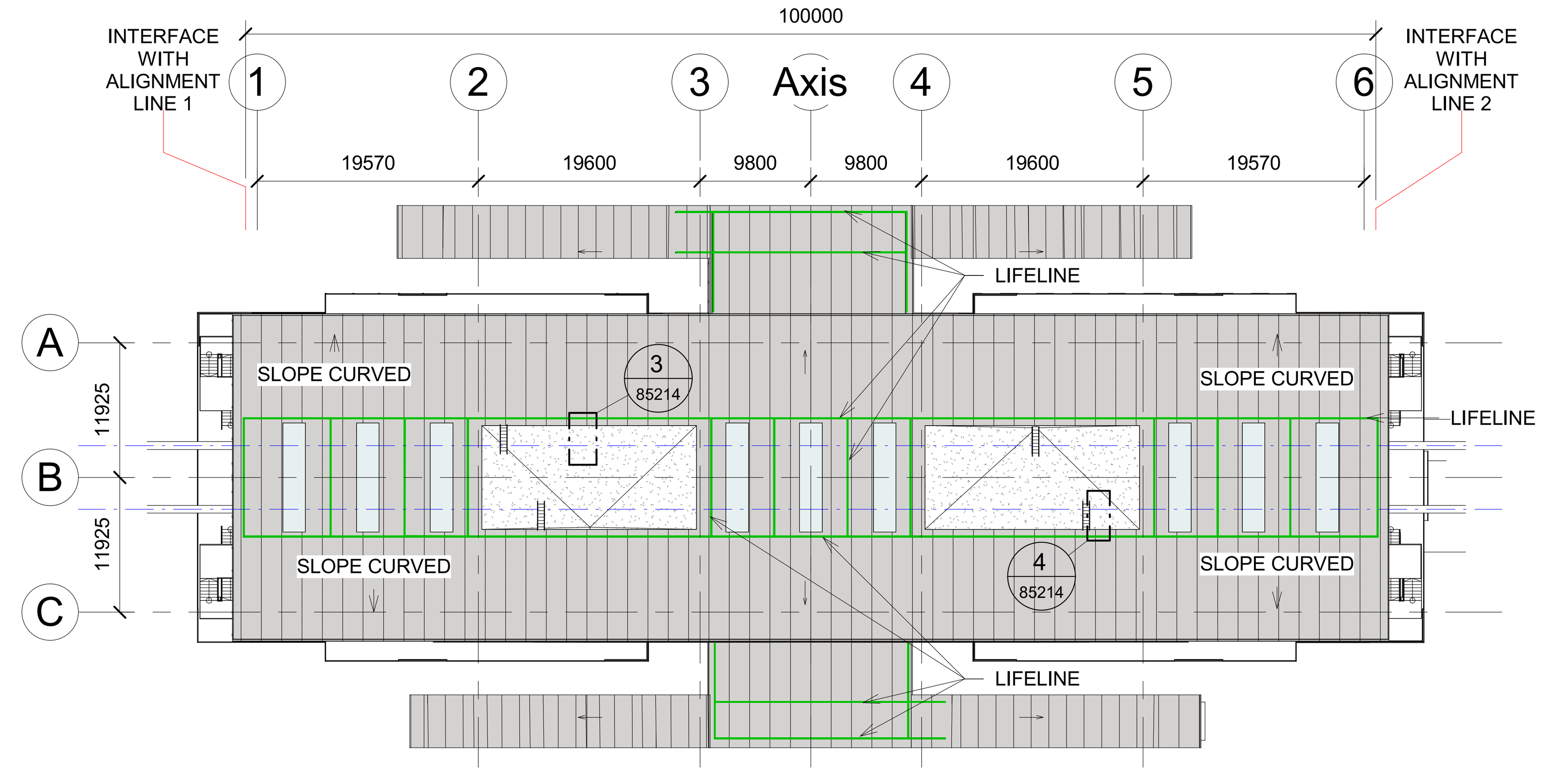
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
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REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
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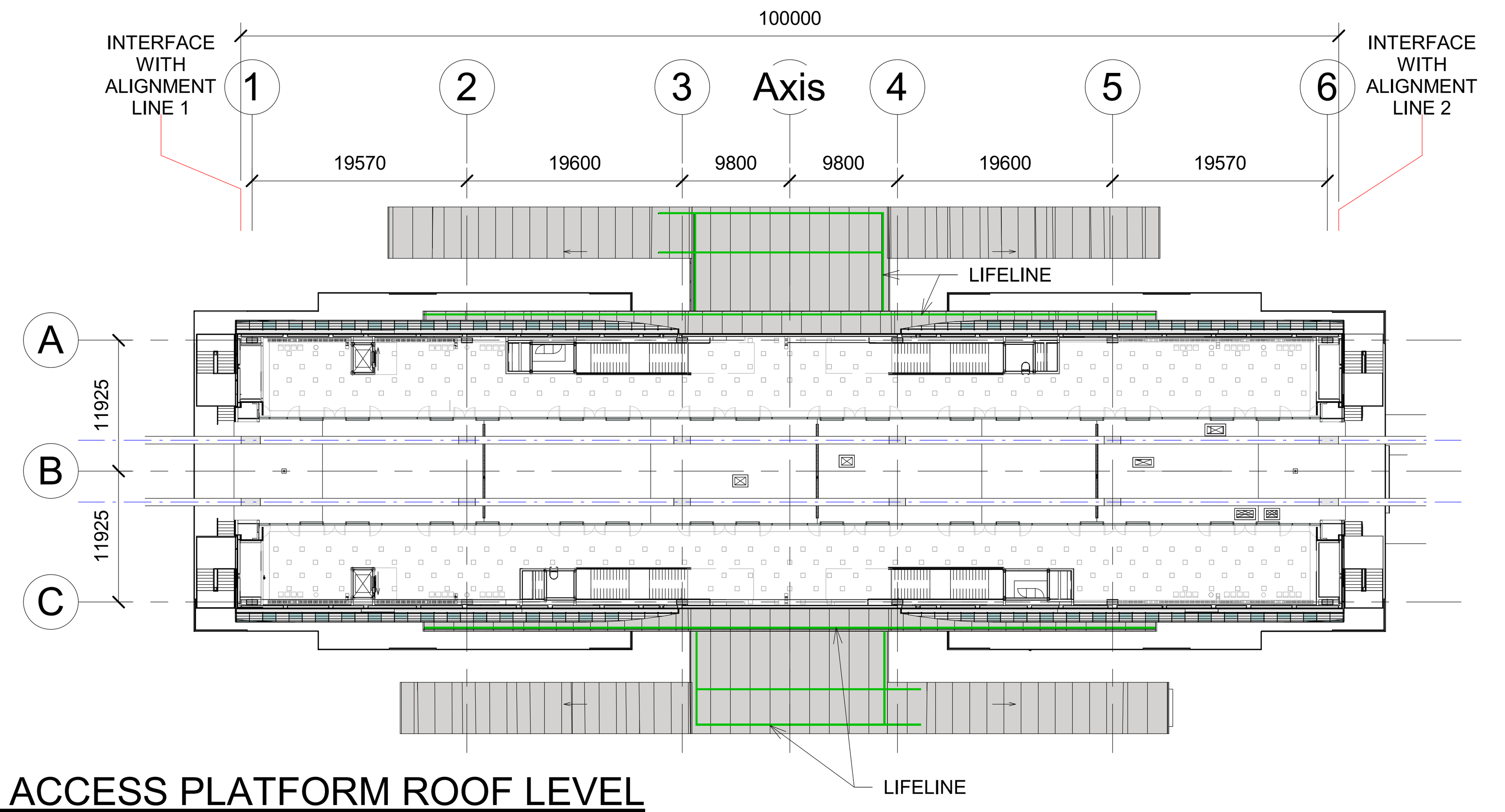
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ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.ACCESS BRIDGE ROOF DETAILS

Page: 1 of 1

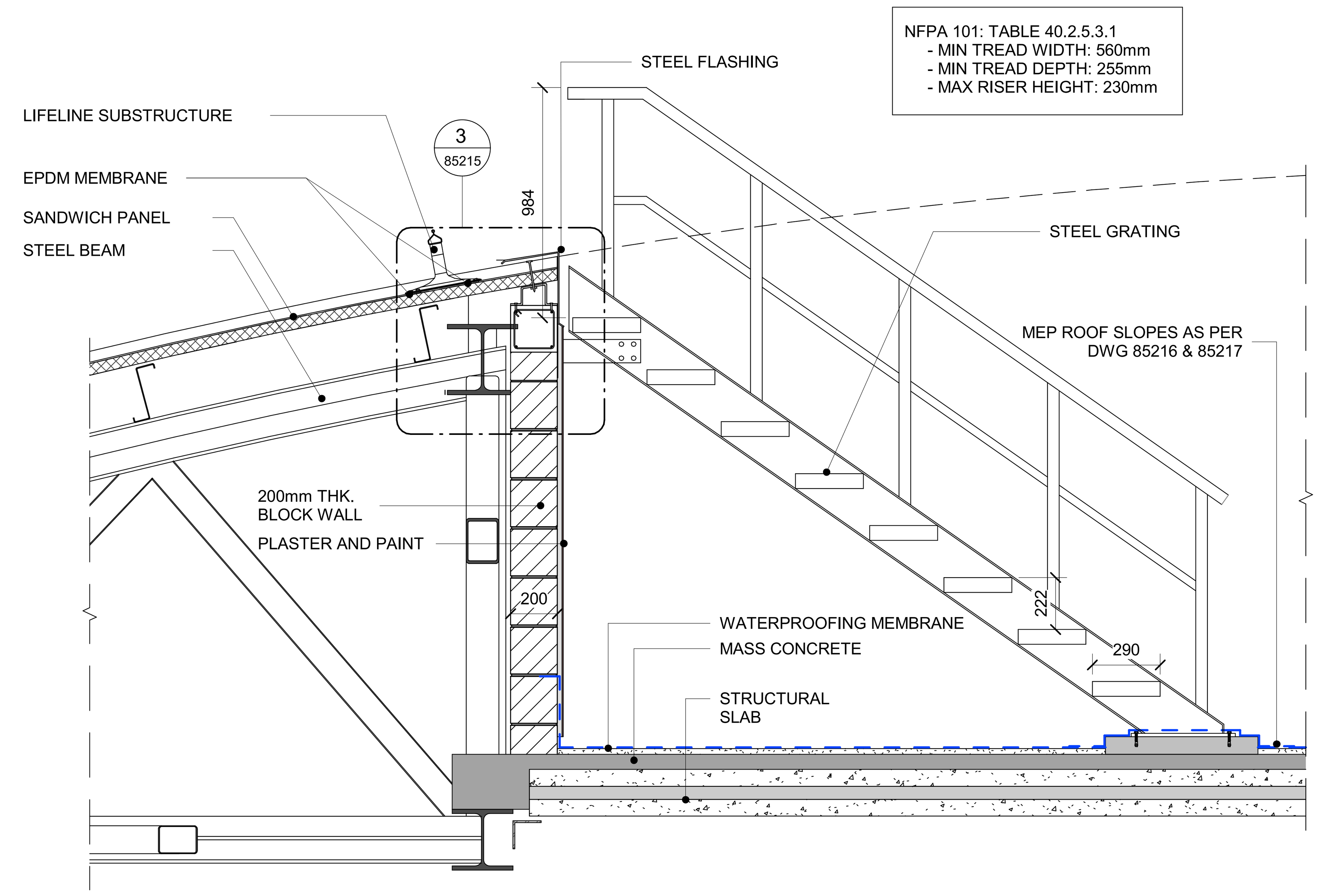
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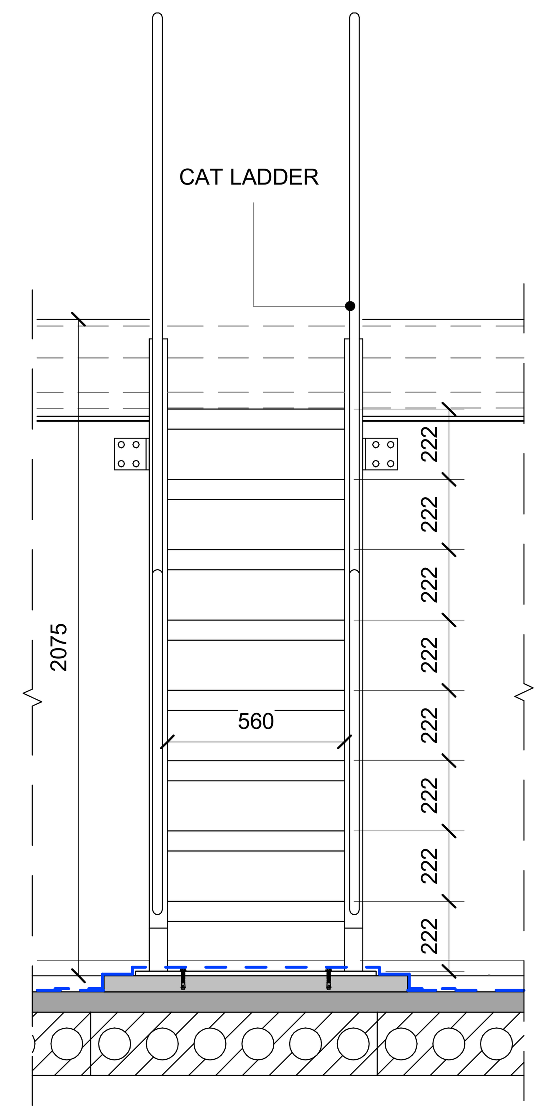
1 ROOF LEVEL
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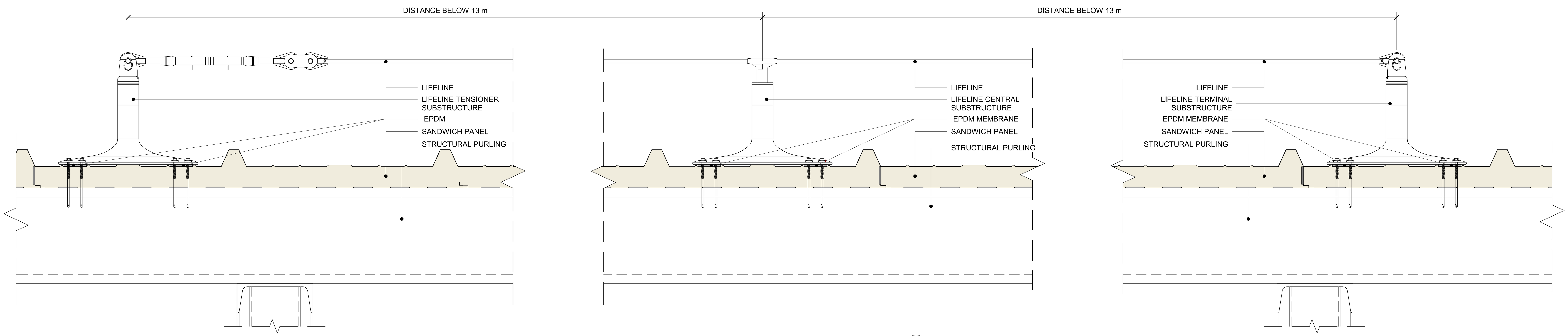
2 ACCESS PLATFORM ROOF LEVEL
SCALE 1 : 500



3 CAT LADDER SECTION VIEW
SCALE 1 : 20



4 CAT LADDER FRONT VIEW
SCALE 1 : 20



5 LIFELINE DETAILS
SCALE 1 : 5

NOTES :
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* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.

FINAL LIFELINE AND CAT STEEL LADDER MODEL TO BE PROVIDED BY THE SPECIALIST SUPPLIER DURING SHOP DRAWINGS PHASE COMPATIBLE WITH THE ROOF SYSTEM.

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

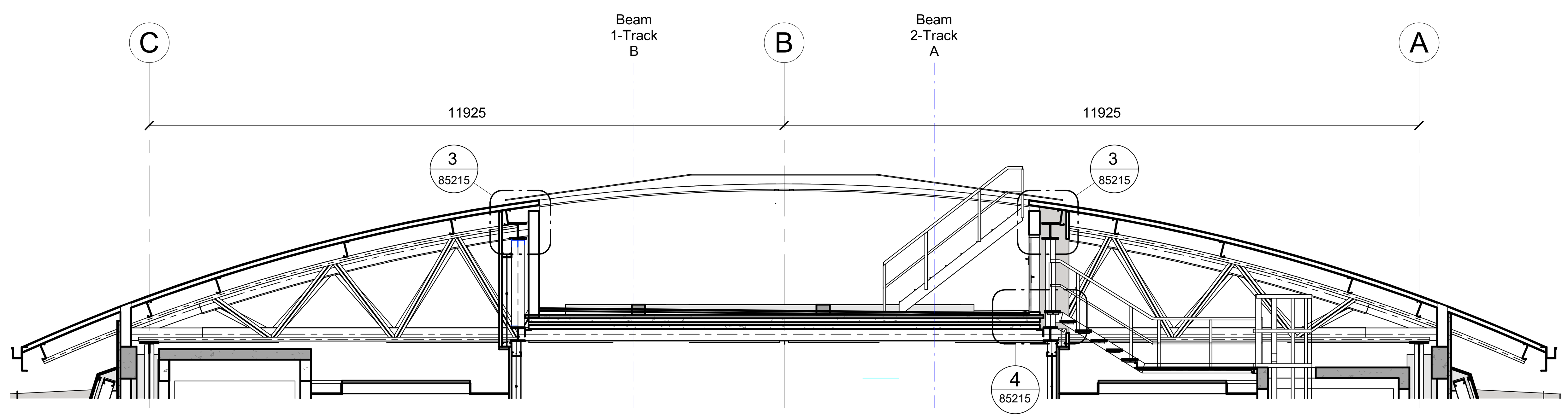
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SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

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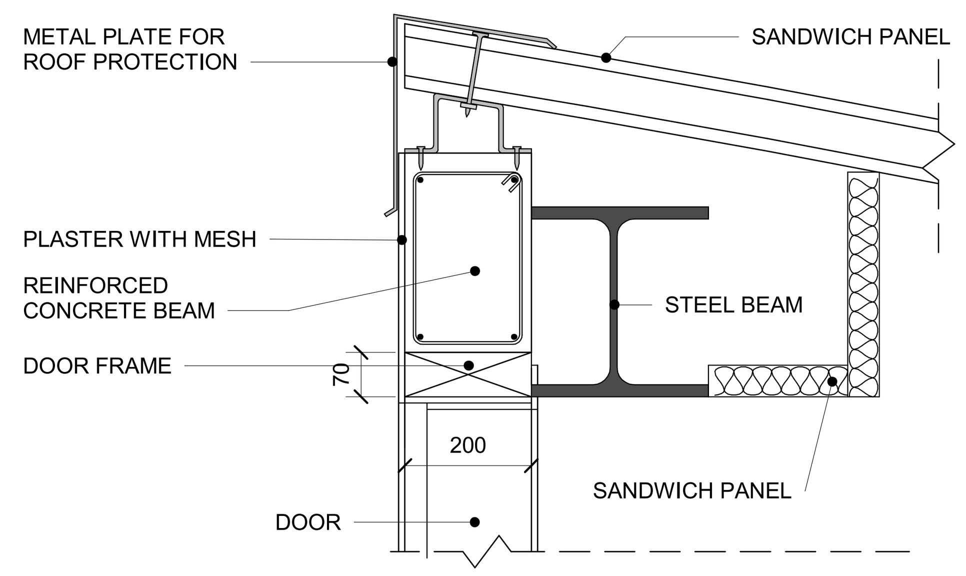
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ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.ROOF LIFELINE DETAILS

Page: 1 of 1

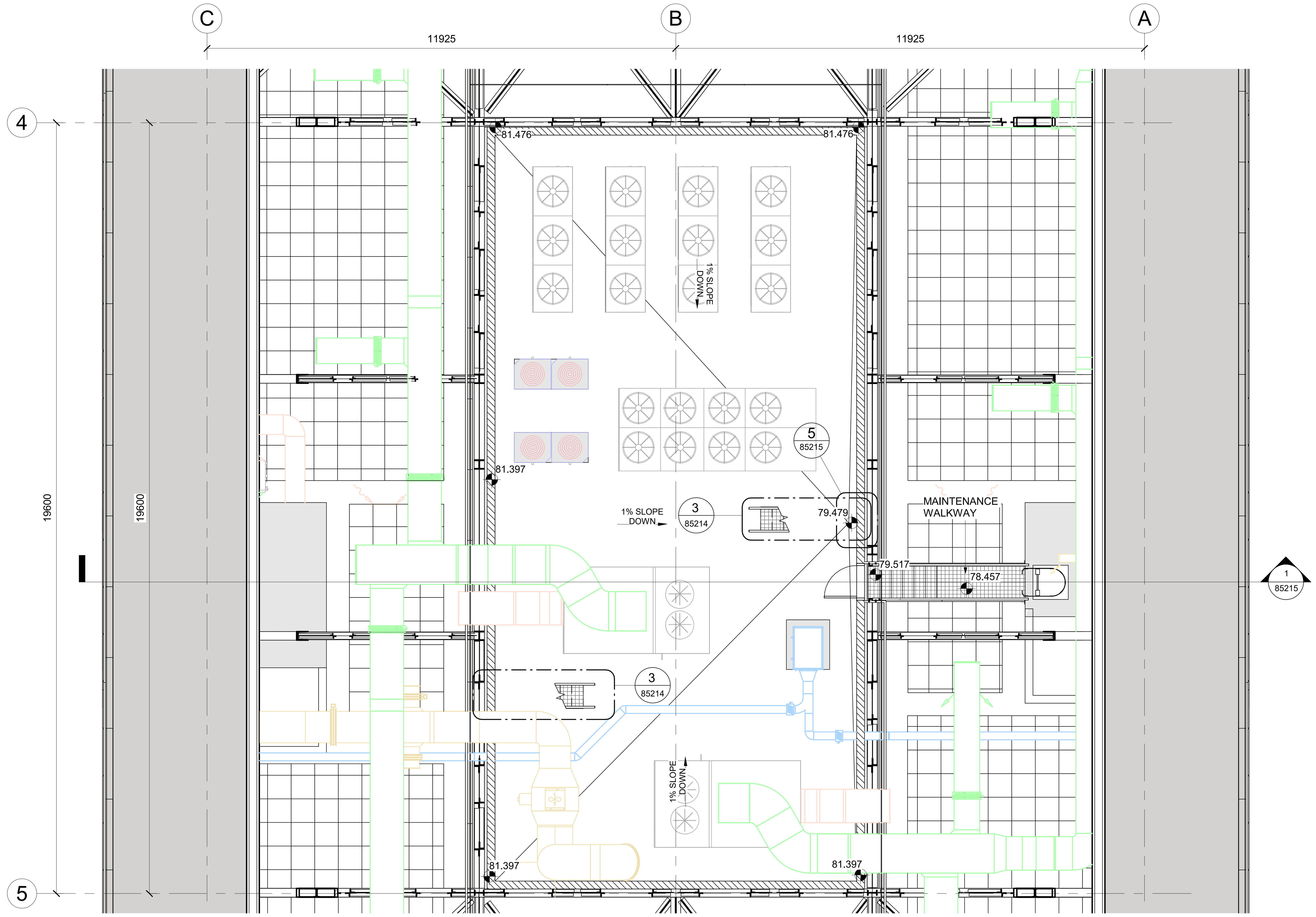
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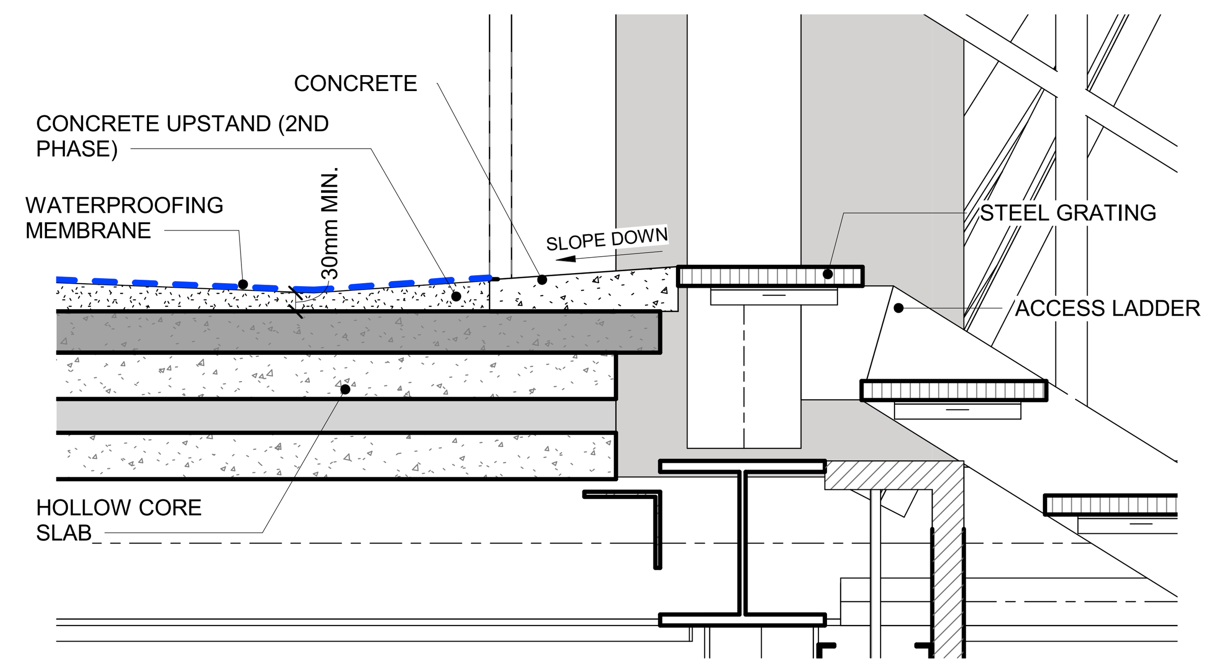
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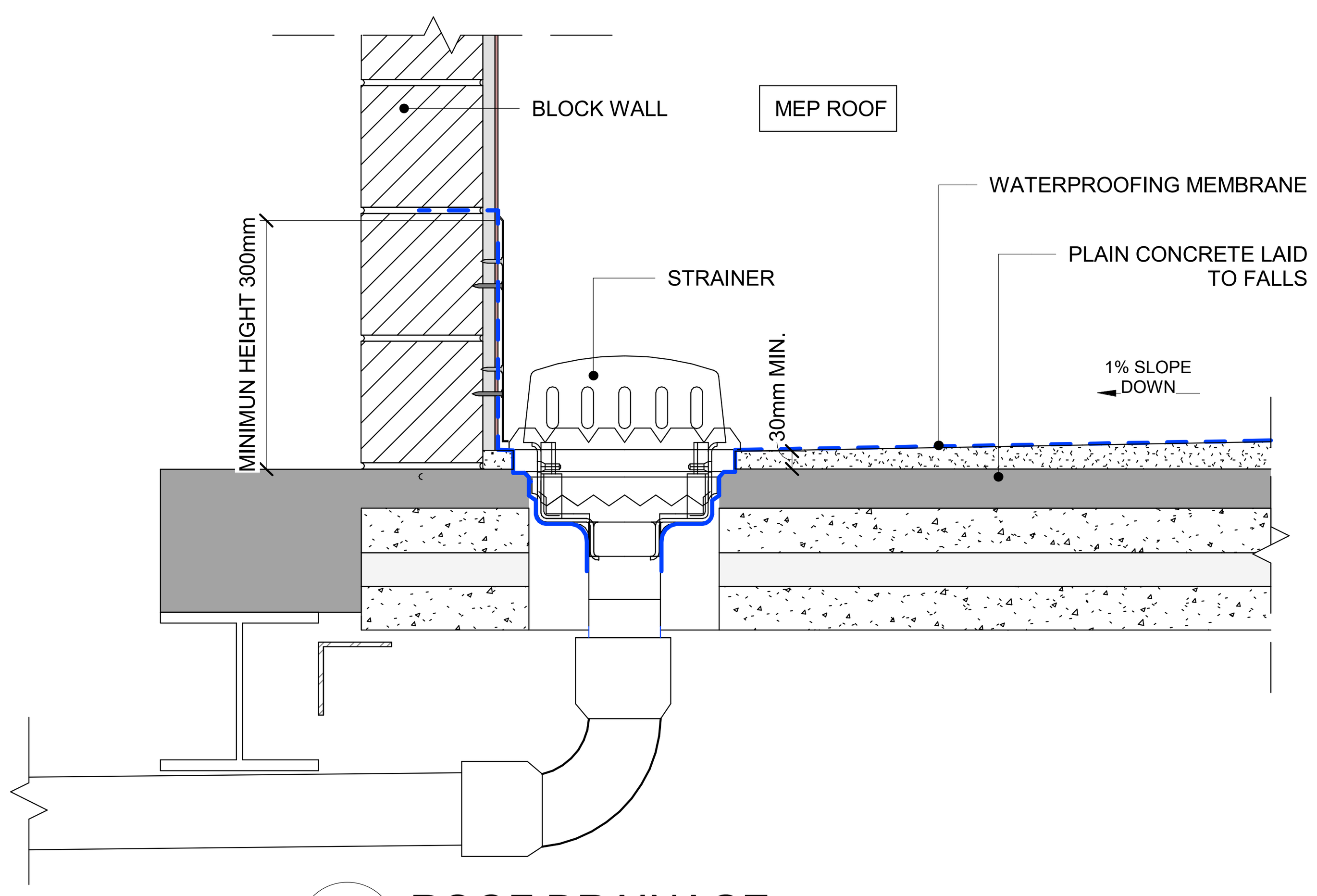
3 ROOF END DETAIL
SCALE 1 : 10



2 ROOF LEVEL
SCALE 1 : 75



4 MEP ROOF ACCESS DETAIL
SCALE 1 : 10



5 ROOF DRAINAGE
SCALE 1 : 10

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Designer

KEY PLAN :

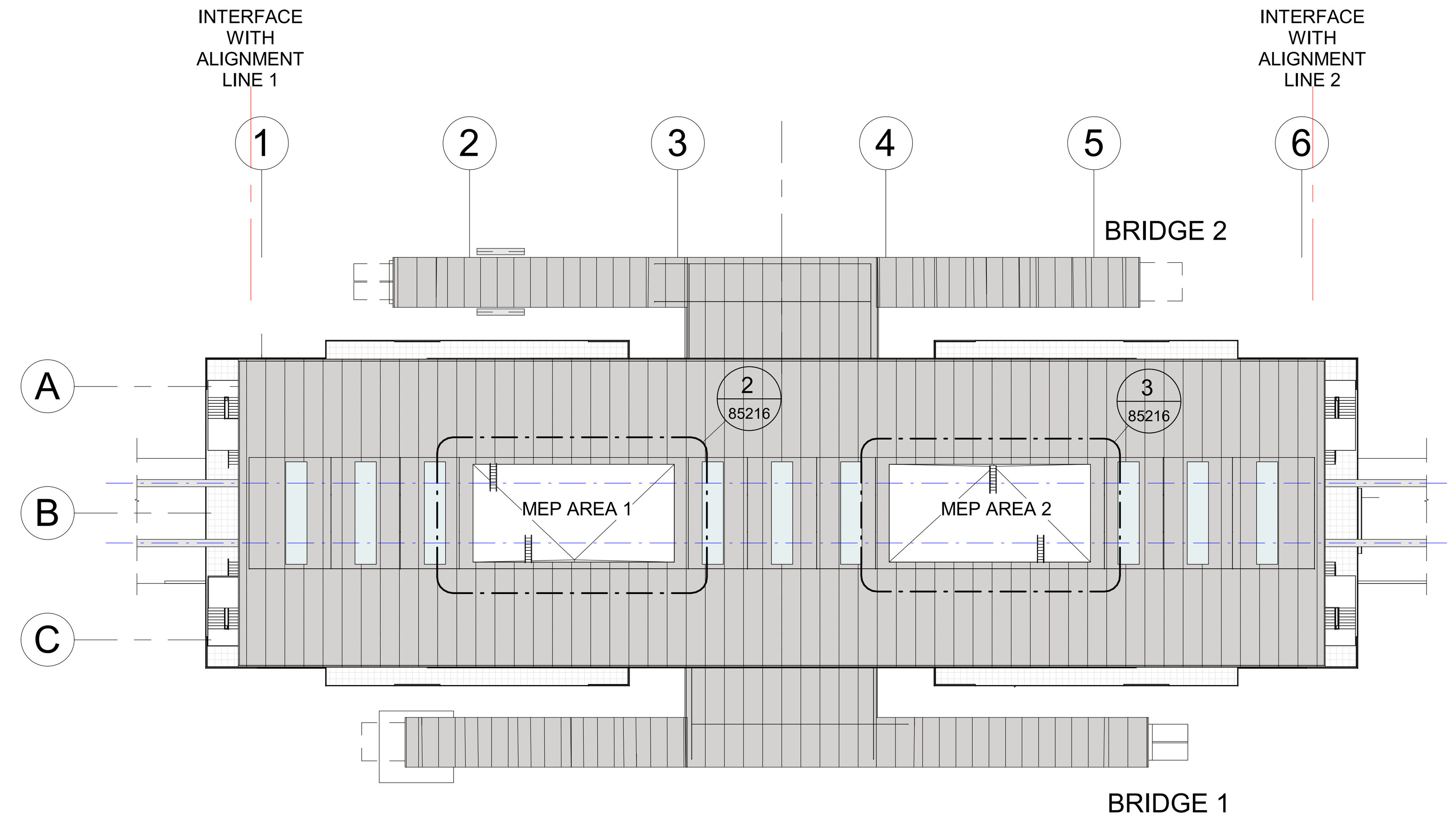
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DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

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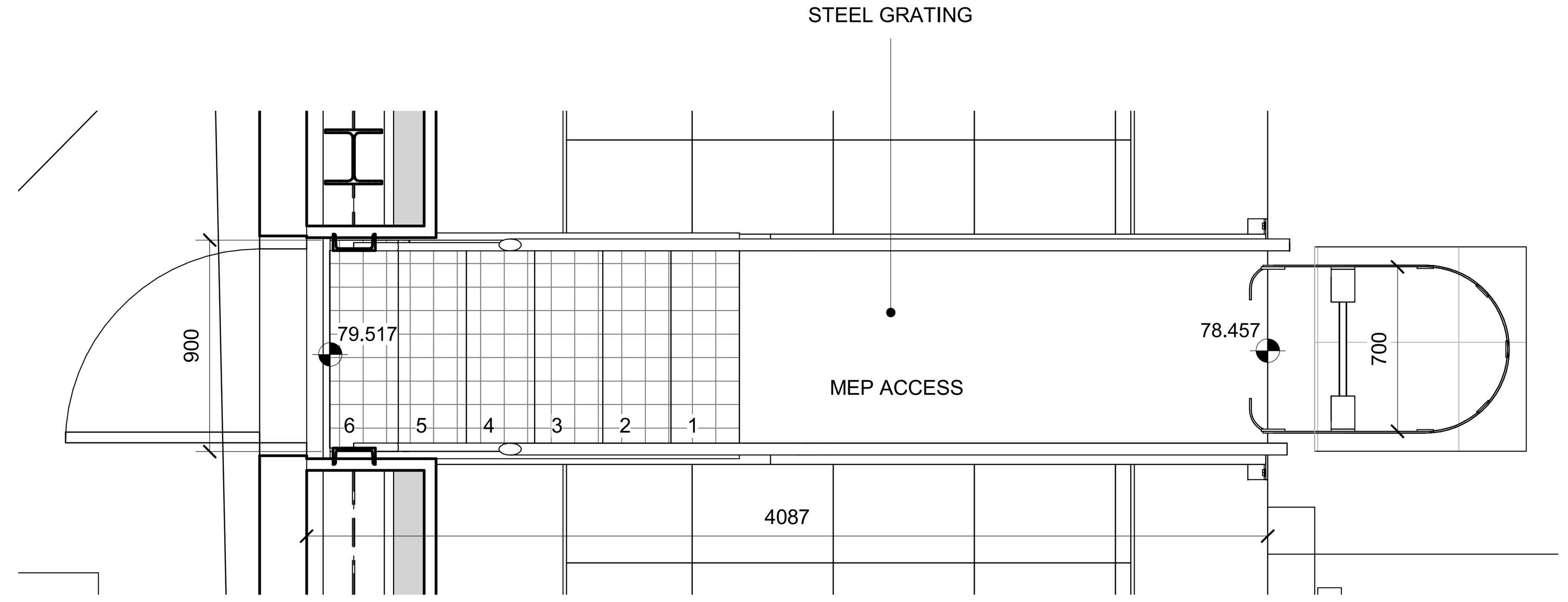
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ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.MEP ROOF DETAILS

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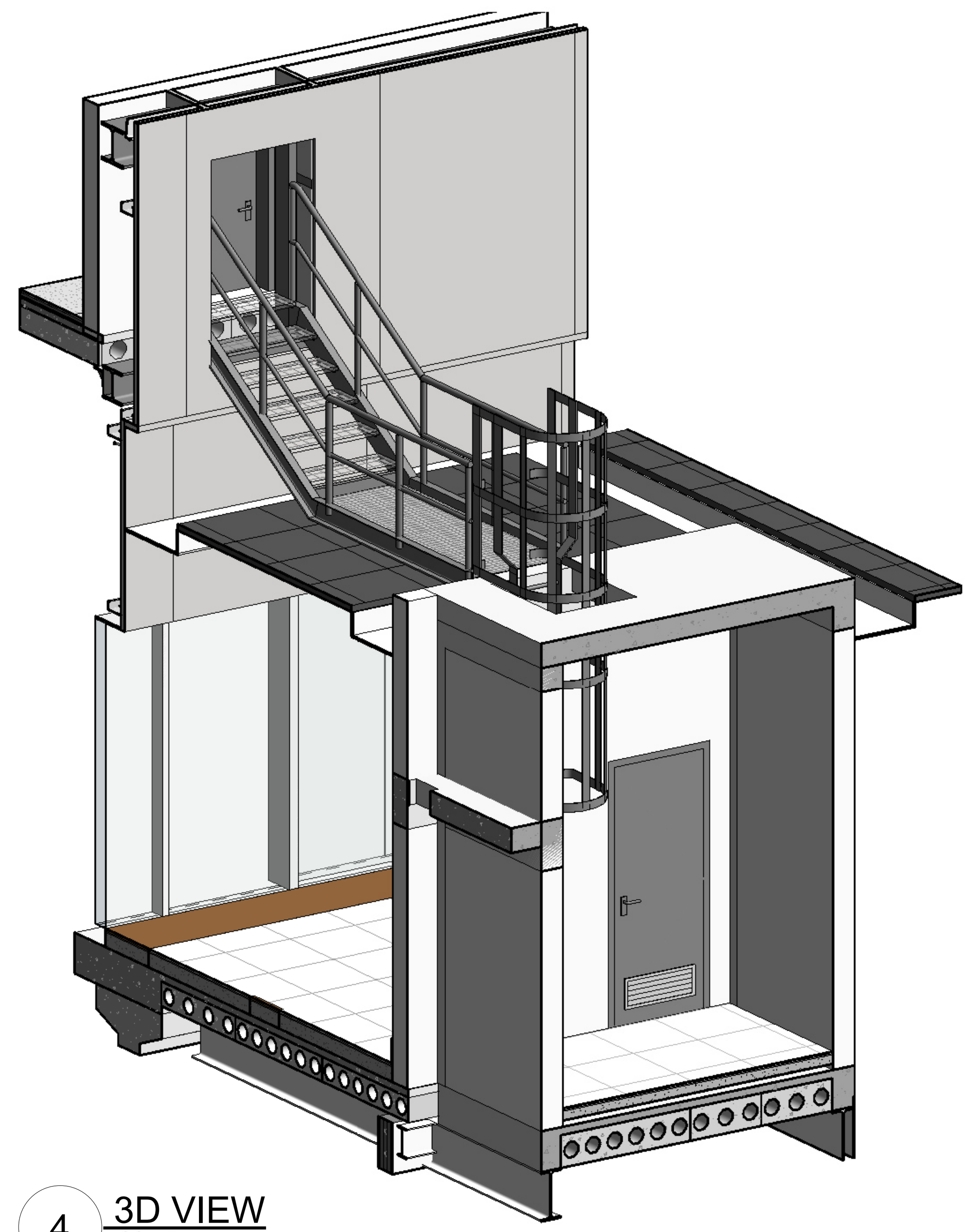
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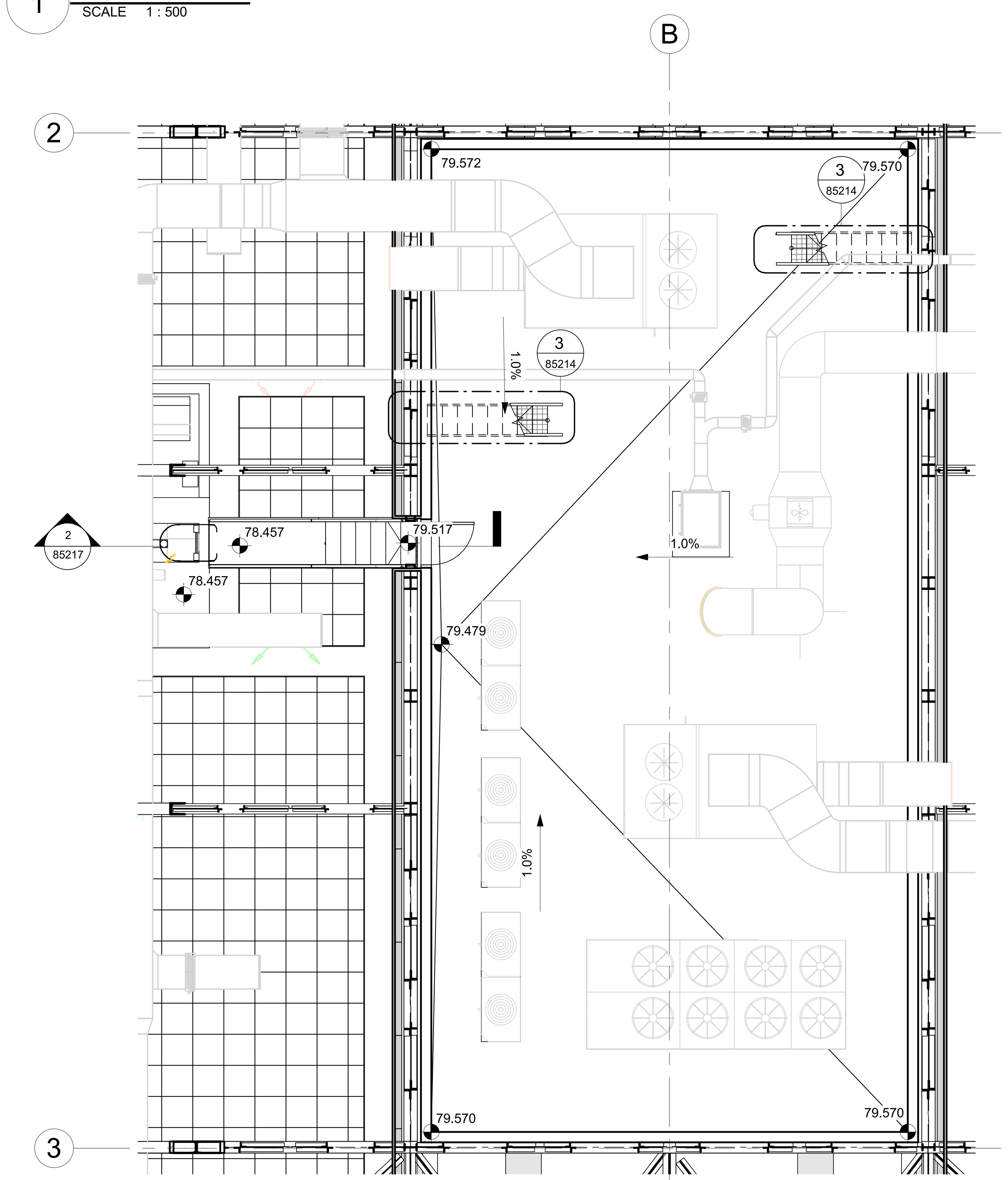
1 ROOF LEVEL
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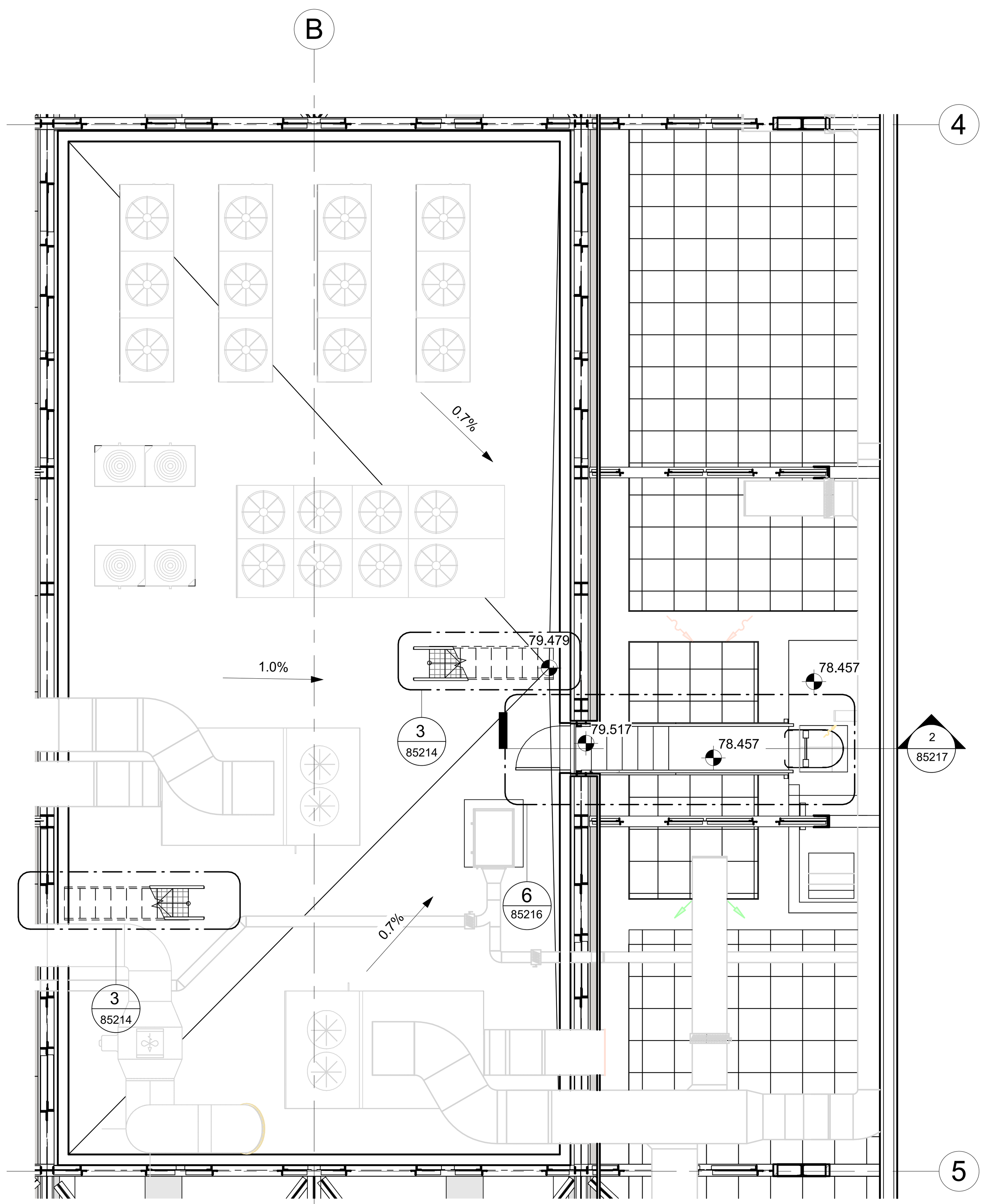
6 ROOF ACCESS PLAN. DETAIL
SCALE 1 : 25



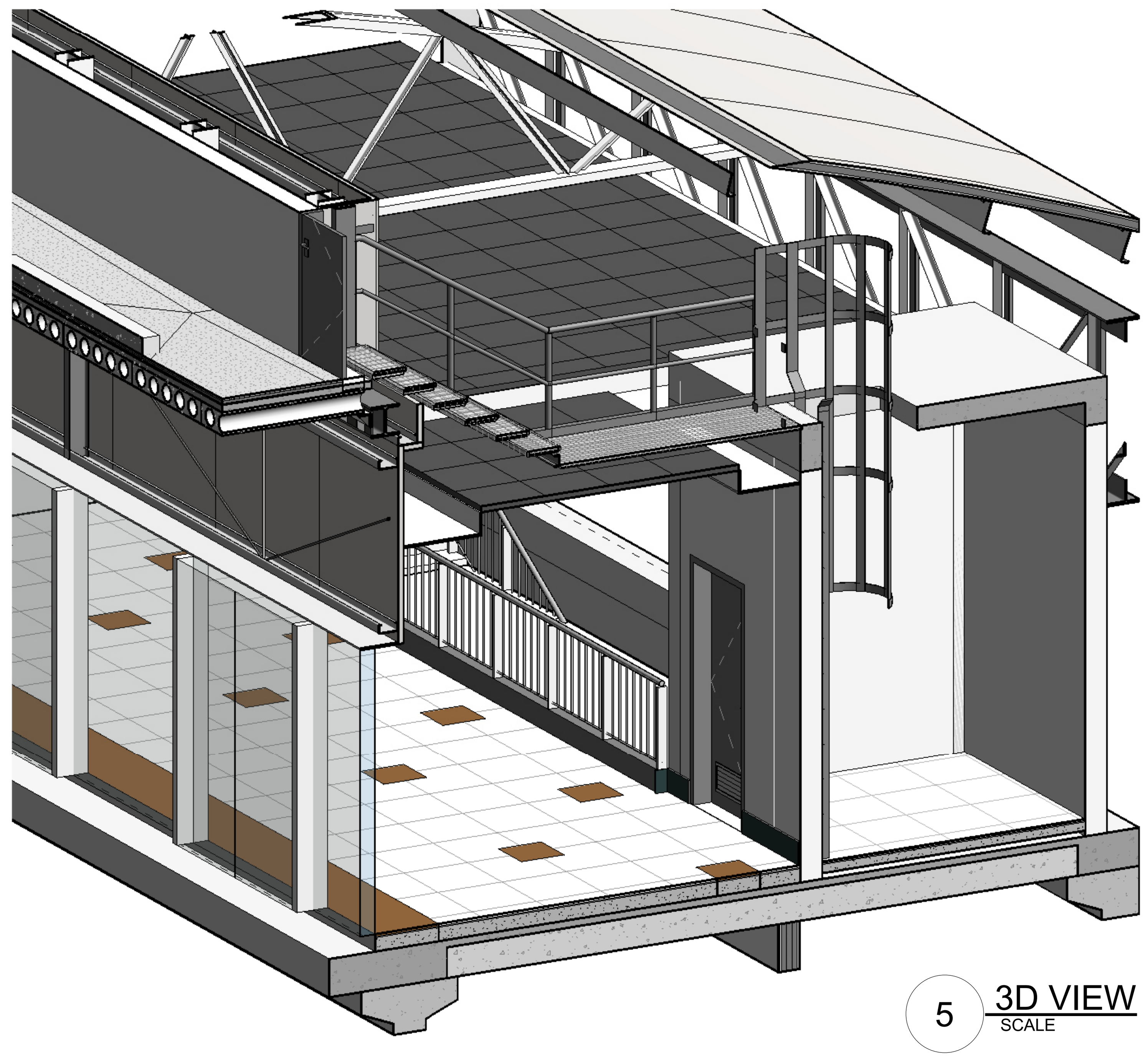
4 3D VIEW
SCALE



2 MEP AREA 1
SCALE 1 : 75



3 MEP AREA 2
SCALE 1 : 75



5 3D VIEW
SCALE

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KEY PLAN :

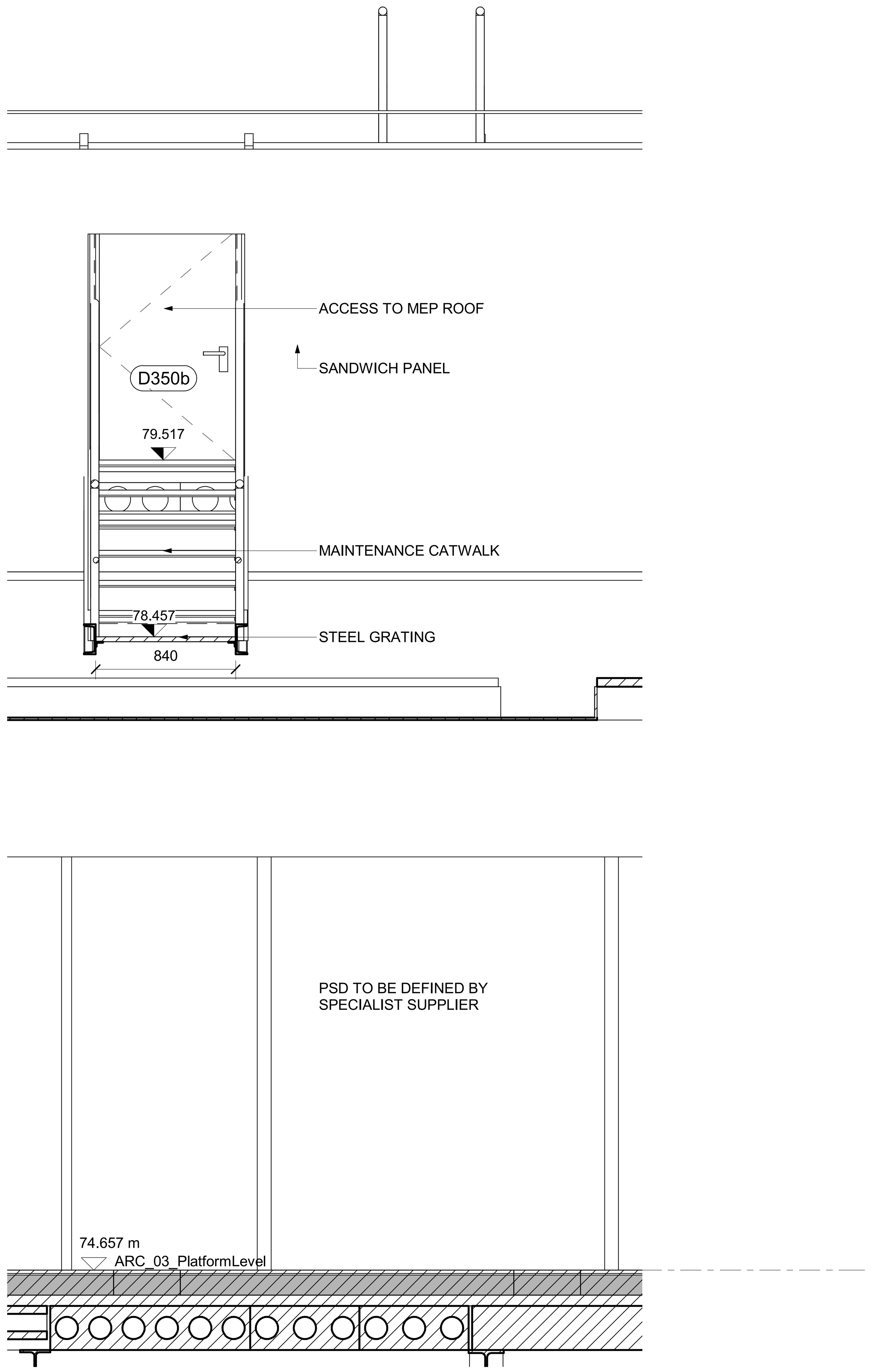
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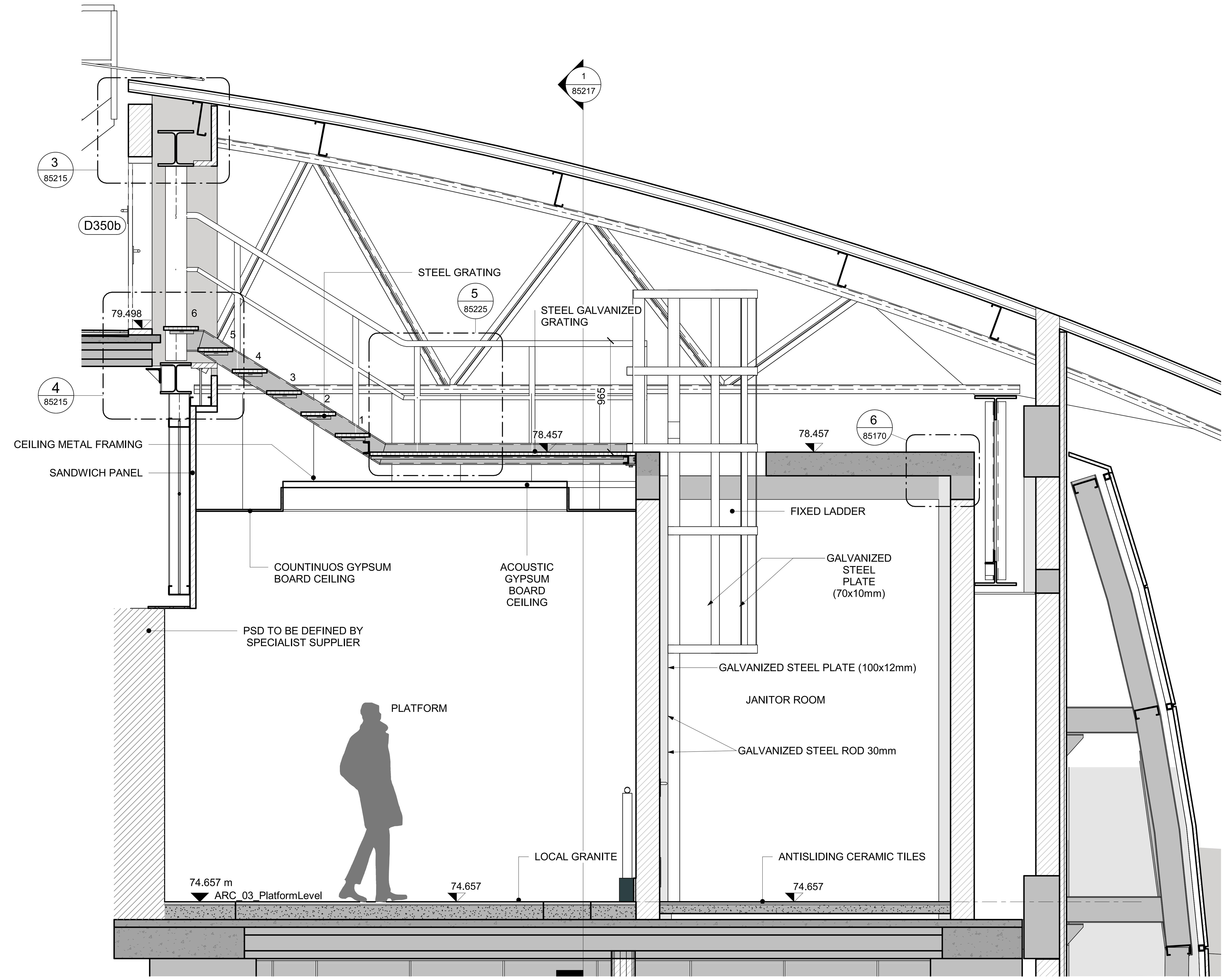
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DETAILED DESIGN
ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.MEP ROOF 0&M ACCESS
DETAILS 1

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85216	A



1 LONGITUDINAL SECTION
SCALE 1 : 25



2 CROSS SECTION
SCALE 1 : 25

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KEY PLAN :

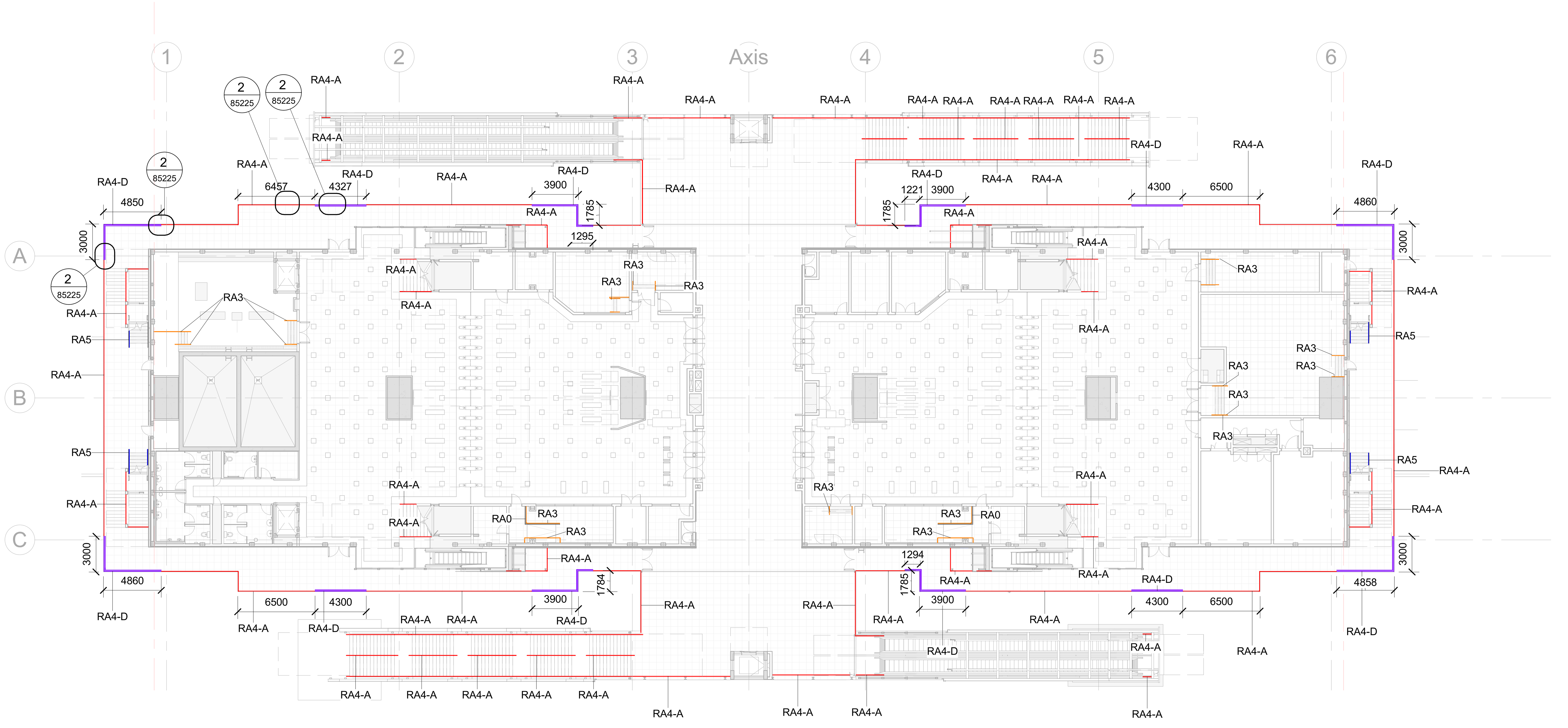
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A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

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ARCHITECTURE
CEILING AND ROOF PLANS
CLOSED STATION PROTOTYPE 3.MEP ROOF 0&M ACCESS DETAILS 2

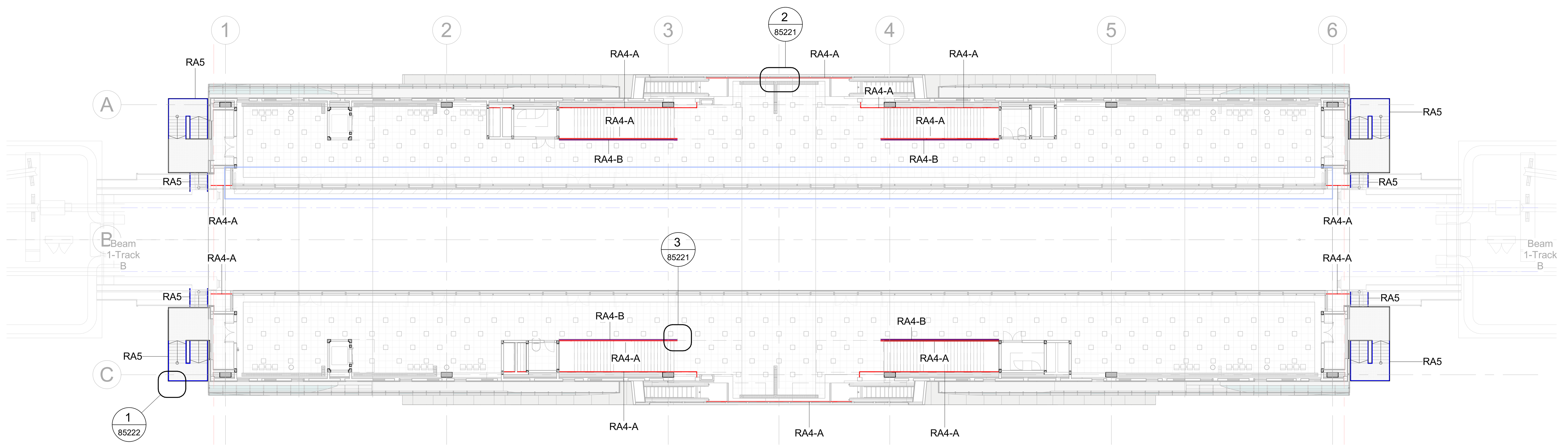
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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85217	A



1 CONCOURSE LEVEL RAILING

SCALE 1 : 250



2 PLATFORM LEVEL RAILING

SCALE 1 : 250

LEGEND

- RA4-D RAILING CONCURSE 1250MM
- RA4-A RAILING CONCURSE
- RA3 SAFETY RAILING
- RA5 RAILING EMERGENCY STAIRS
- RA4-B RAILING PLATFORM STAIR
- RA4-C RAILING GROUND LEVEL
- RAO

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REFERENCE DRAWINGS :

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Hill International — Authority Consultant

ORASCOM CONSTRUCTION — The Arab Contractors — BOMBARDIER — Main Contractor

SENER — SHAKER CONSULTANCY GROUP — Designer

KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE : As indicated

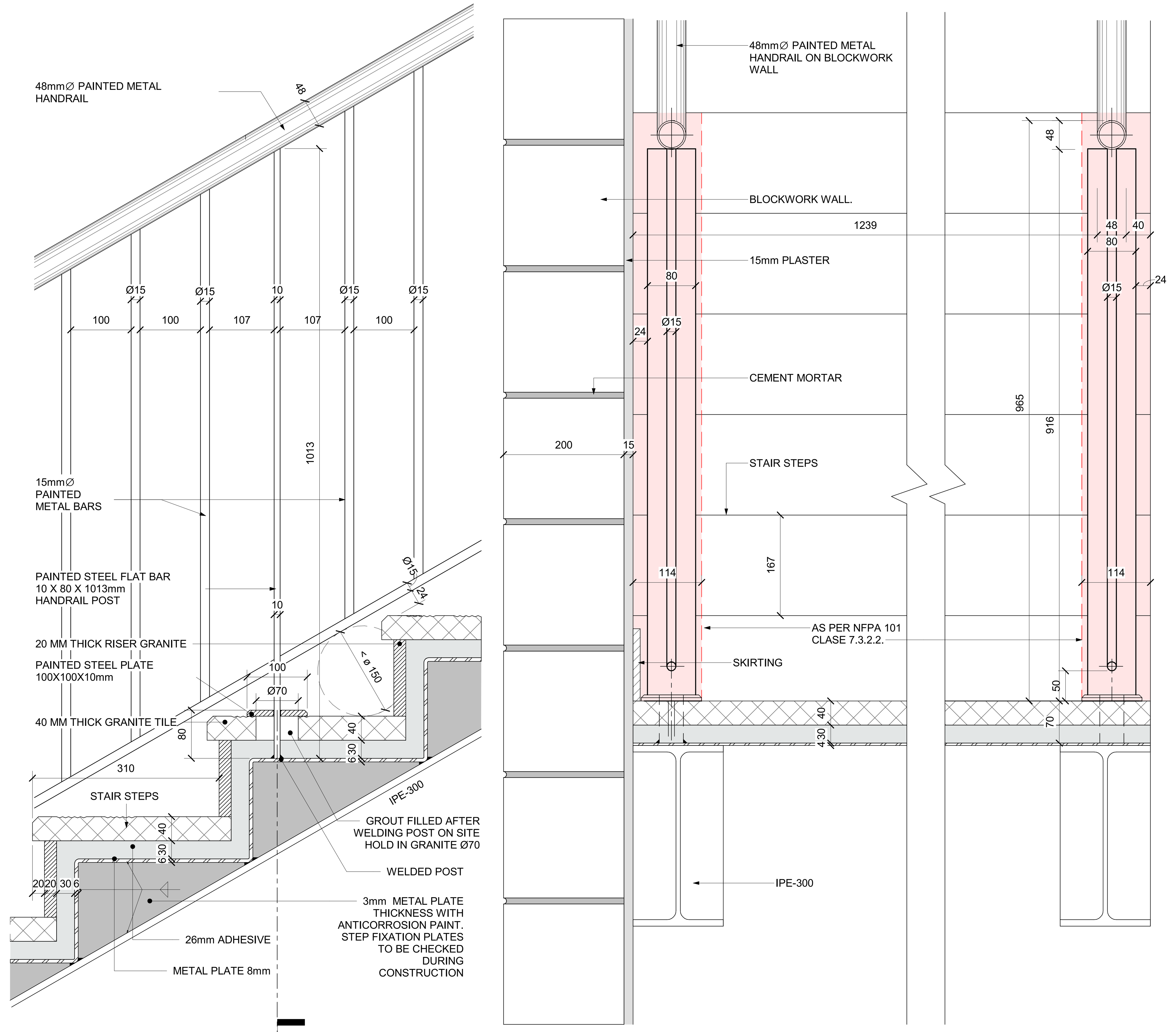
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A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

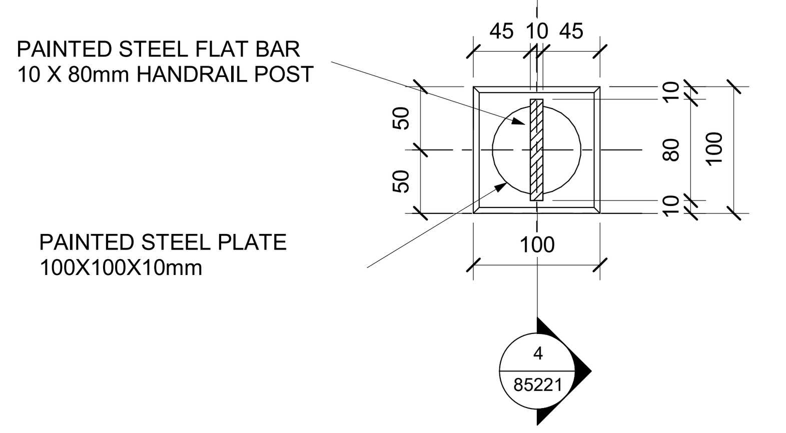
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Page: 1 of 1

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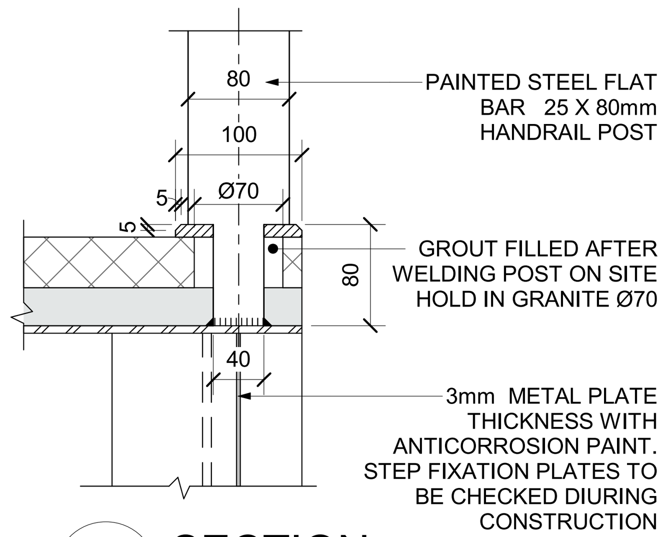


1 RA4.PAINTED STEEL VERTICAL BAR RAILING
SCALE 1 : 5

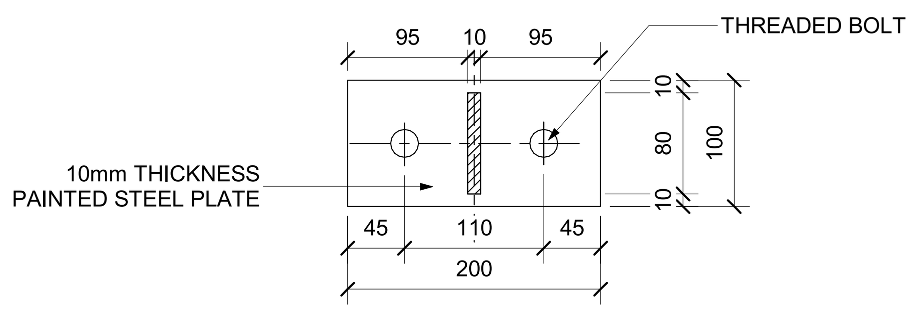


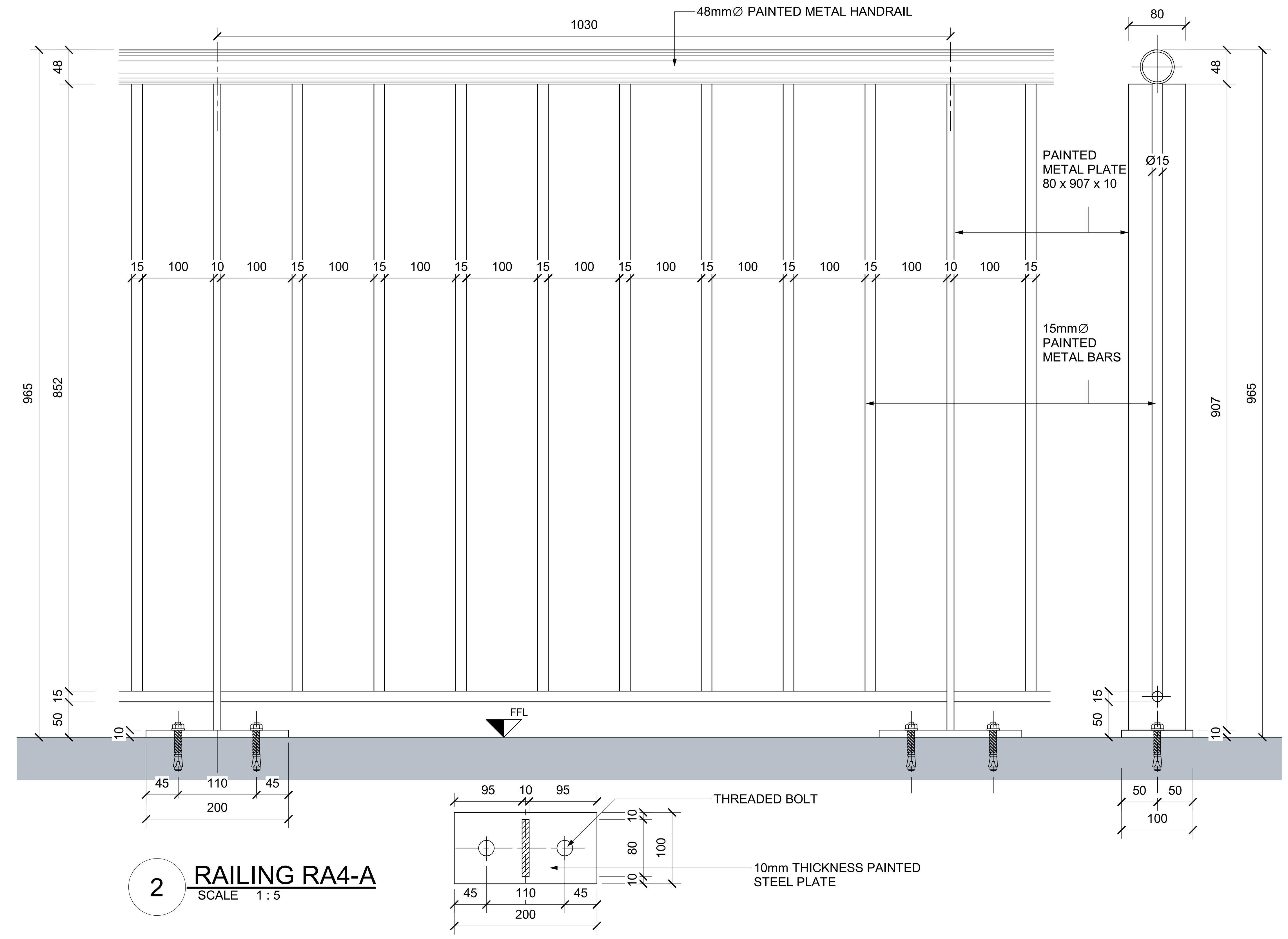
FIXATION OF THE HANDRAIL POST TO THE STEEL STAIRS .PLAN

FURTHER DEVELOPED BY SPECIALIST SUPPLIER

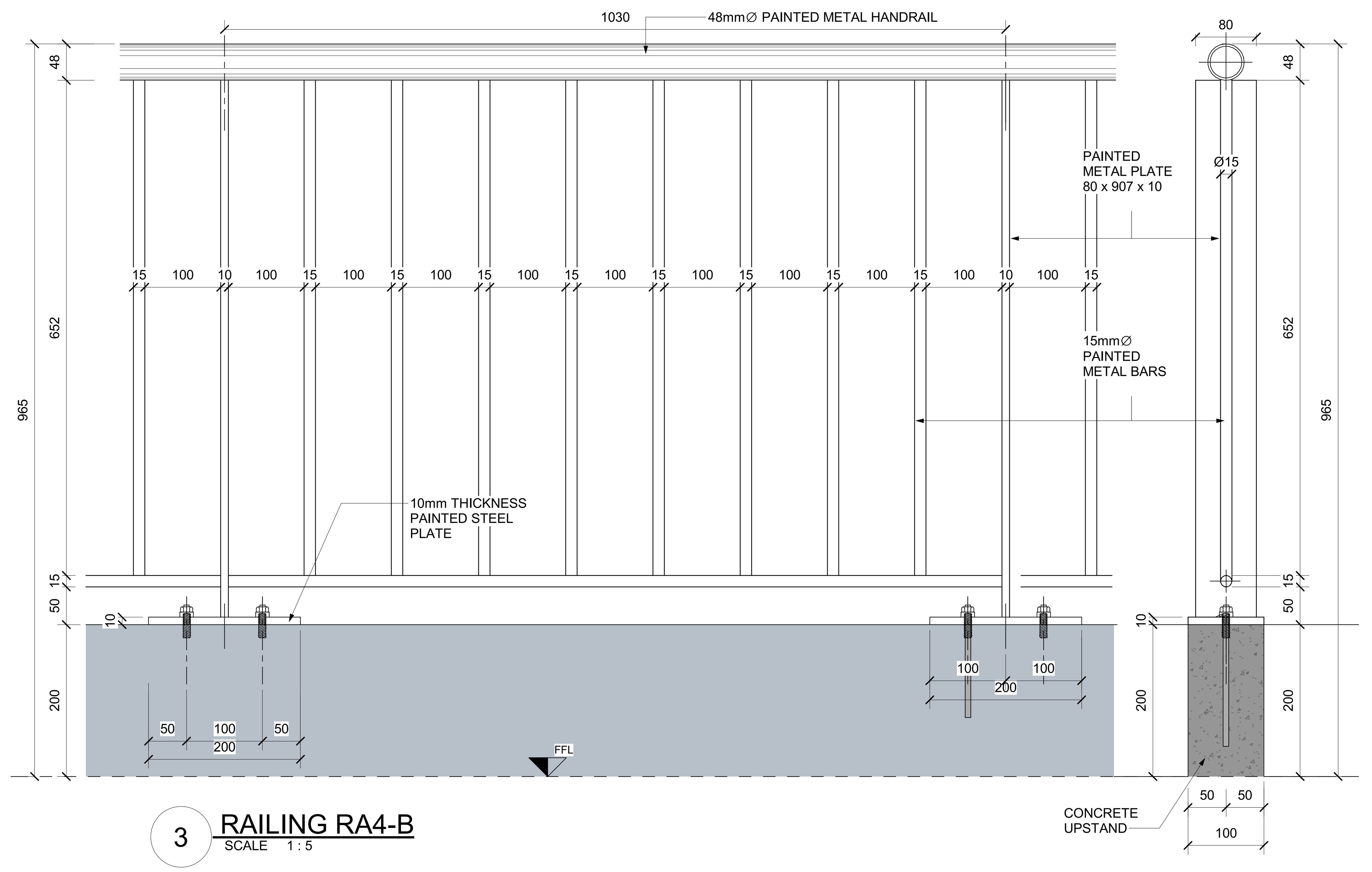


4 SECTION
SCALE 1 : 5





2 RAILING RA4-A
SCALE 1 : 5



3 RAILING RA4-B
SCALE 1 : 5

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* STANDARD APPLICABLE TO THIS DESIGN: NFPA 101 clause 7.2.2.4.6.3

DRAWINGS TO BE ANALYZED IN CONJUCTION WITH DOCUMENT NUMBER:
- 93M-0407-SEN-000PW-END-53701
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- 93M-0407-SEN-000PW-END-53711
- 93M-0407-SEN-000PW-END-53720
- 93M-0407-SEN-000PW-END-53721
- 93M-0407-SEN-000PW-END-53725
- 93M-0407-SEN-000PW-END-53726

REFERENCE DRAWINGS :

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Designer

KEY PLAN :


ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : 1 : 5
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 2

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85221	A



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- 93M-0407-SEN-000PW-END-53725
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REFERENCE DRAWINGS :

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Main Contractor
Designer

KEY PLAN :

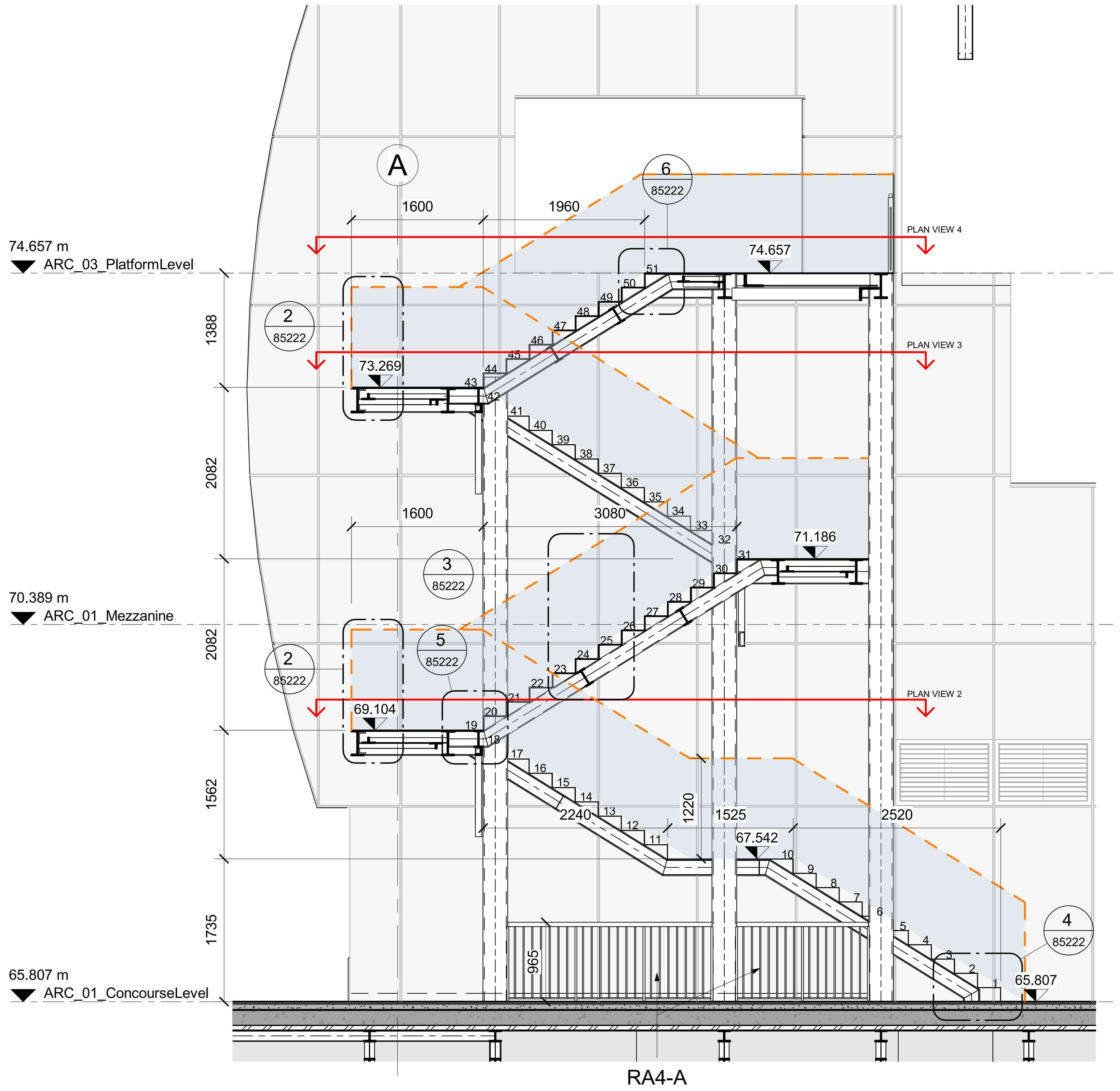
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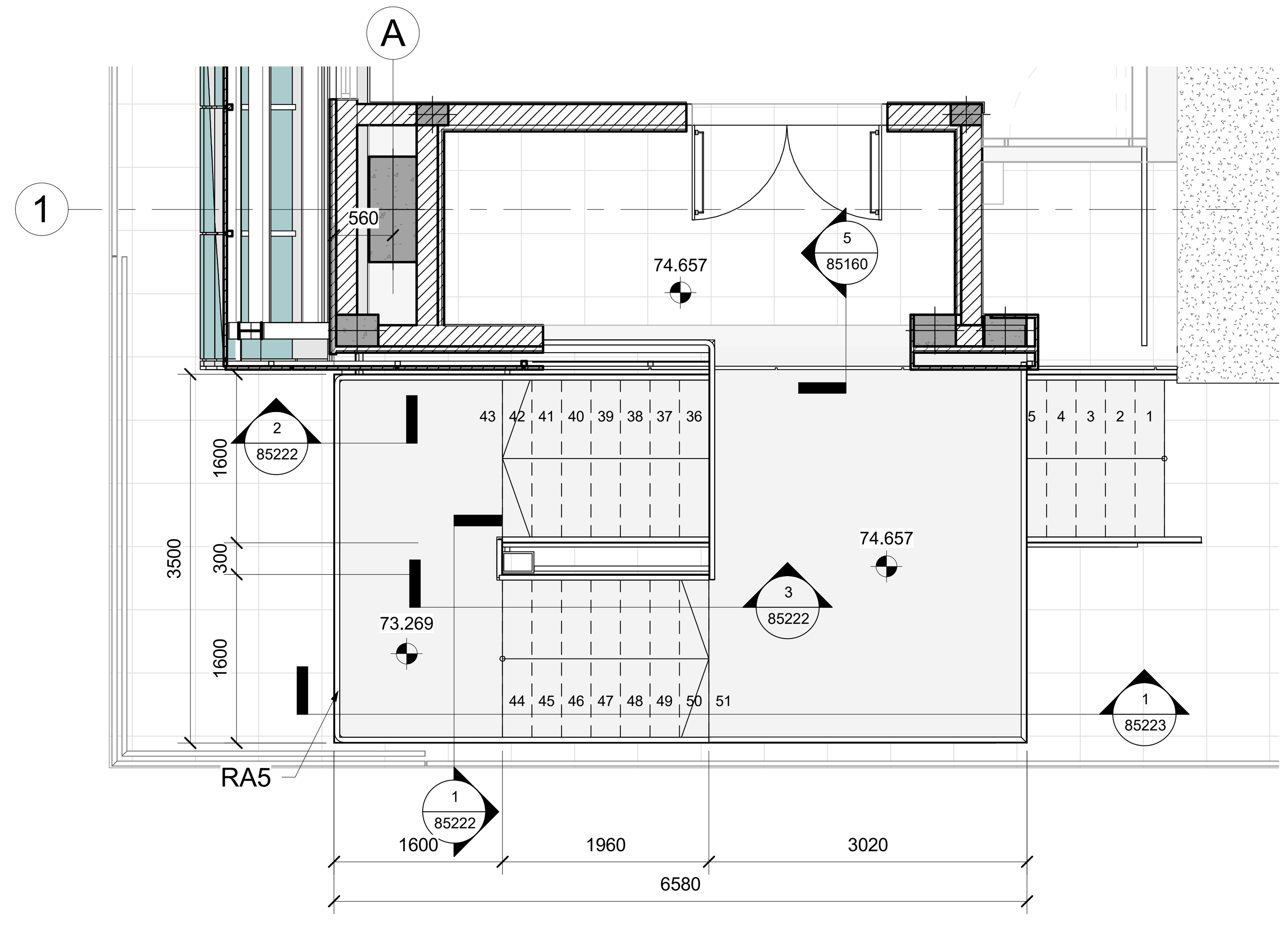
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GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 3

Page: 1 of 1

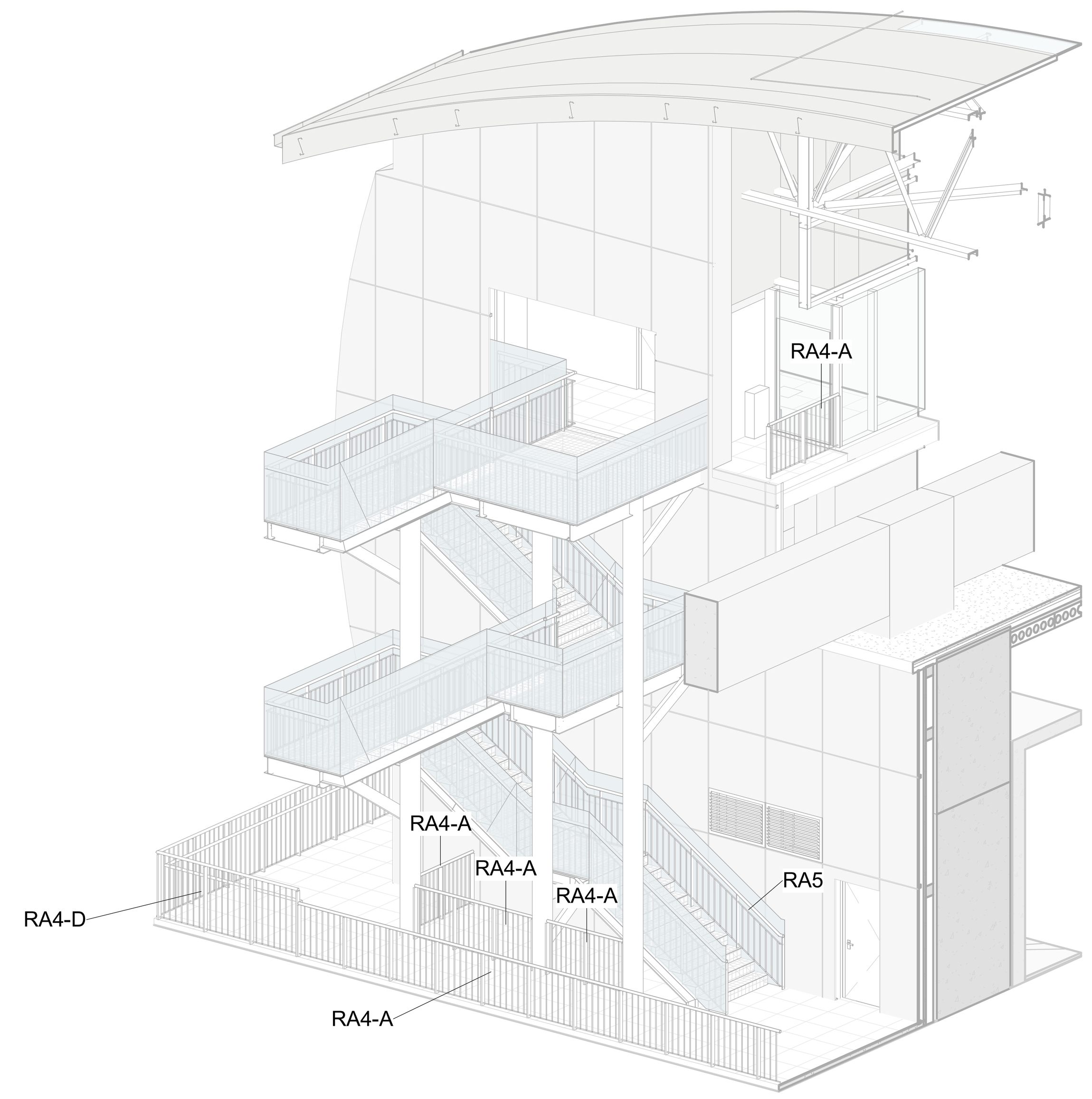
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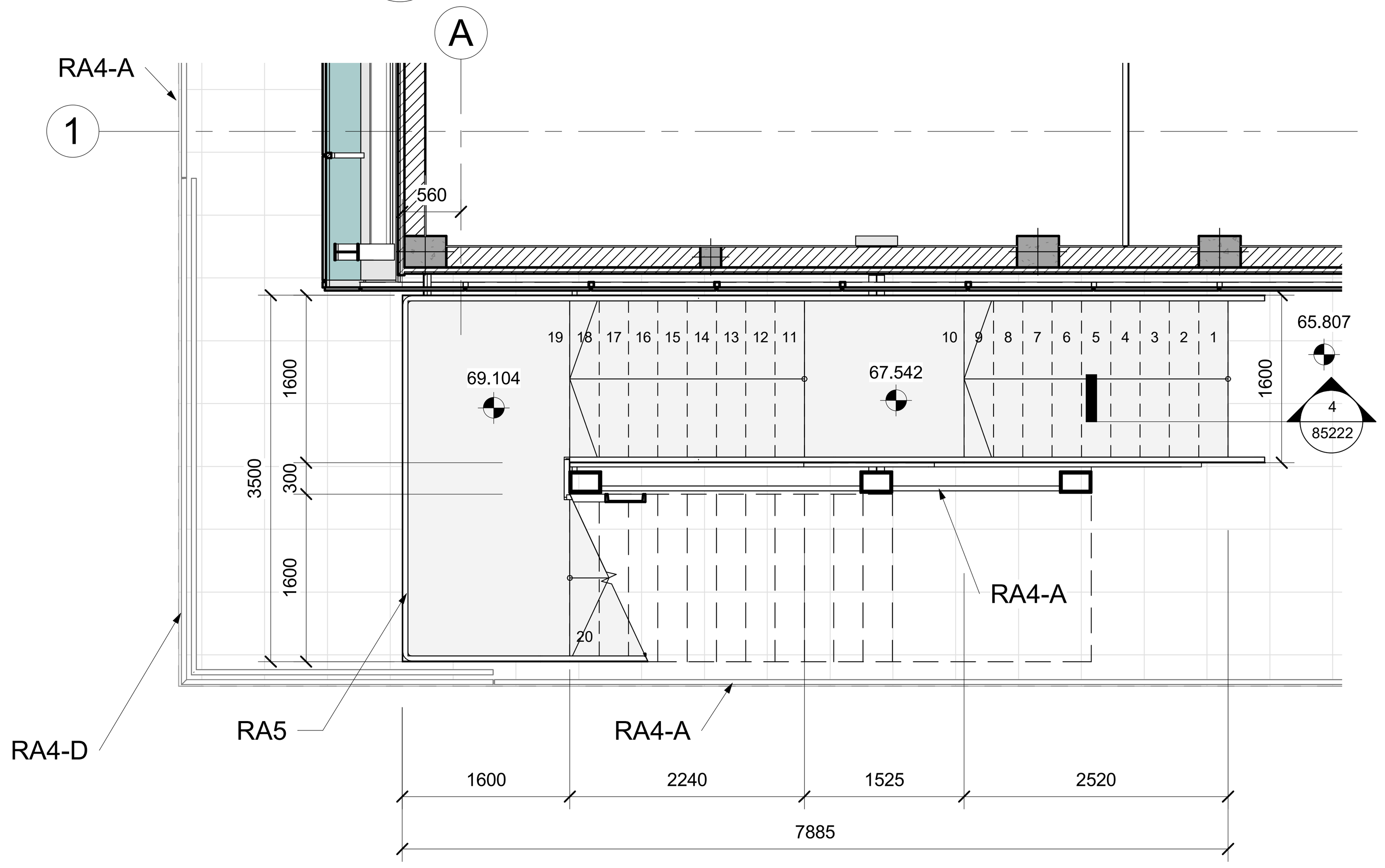
1 RA5.EMERGENCY STAIR .SECTION
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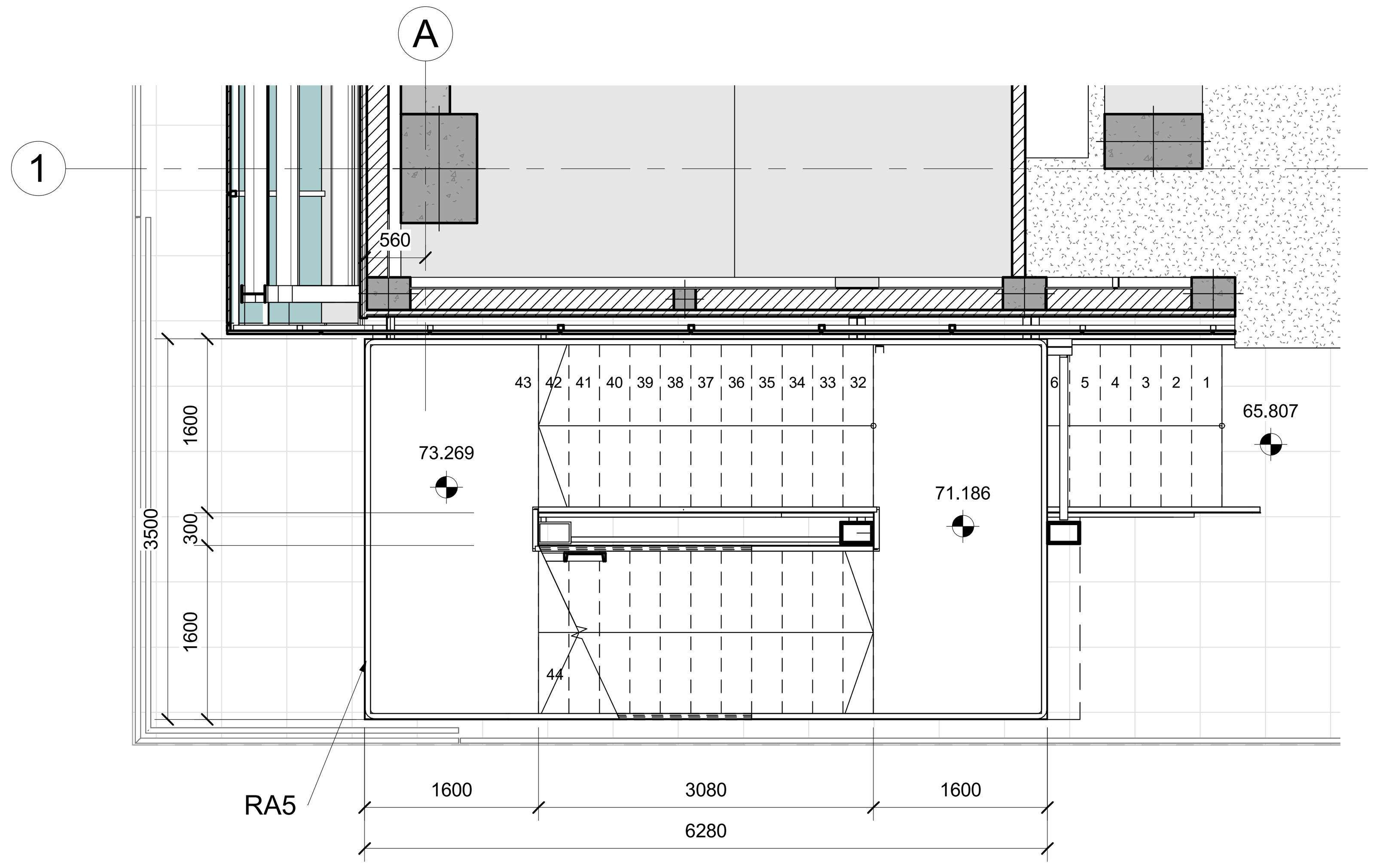
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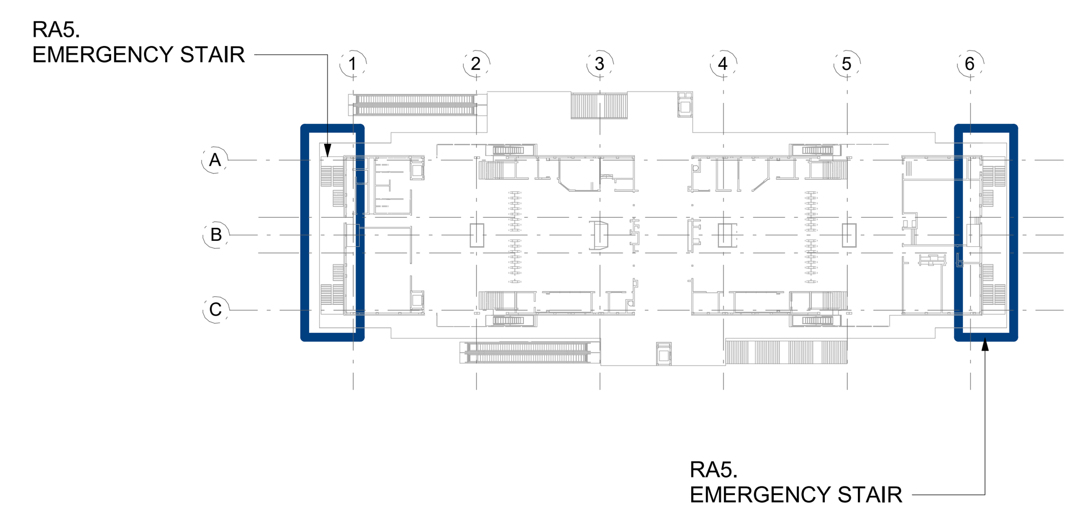
5 3D VIEW
SCALE



2 RA5.EMERGENCY STAIR.PLAN
SCALE 1 : 50



3 RA5.EMERGENCY STAIR.PLAN
SCALE 1 : 50



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*FINAL HANDRAIL FIXATION DETAIL TO BE PROVIDED BY SPECIALIST SUPPLIER IN SHOPDRAWING STAGE.

DRAWINGS TO BE ANALYZED IN CONJUCTION WITH DOCUMENT NUMBER:
- 93M-0407-SEN-000PW-END-53701
- 93M-0407-SEN-000PW-END-53710
- 93M-0407-SEN-000PW-END-53711
- 93M-0407-SEN-000PW-END-53720
- 93M-0407-SEN-000PW-END-53721
- 93M-0407-SEN-000PW-END-53725
- 93M-0407-SEN-000PW-END-53726

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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ORASCOM CONSTRUCTION
BOMBARDIER
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SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

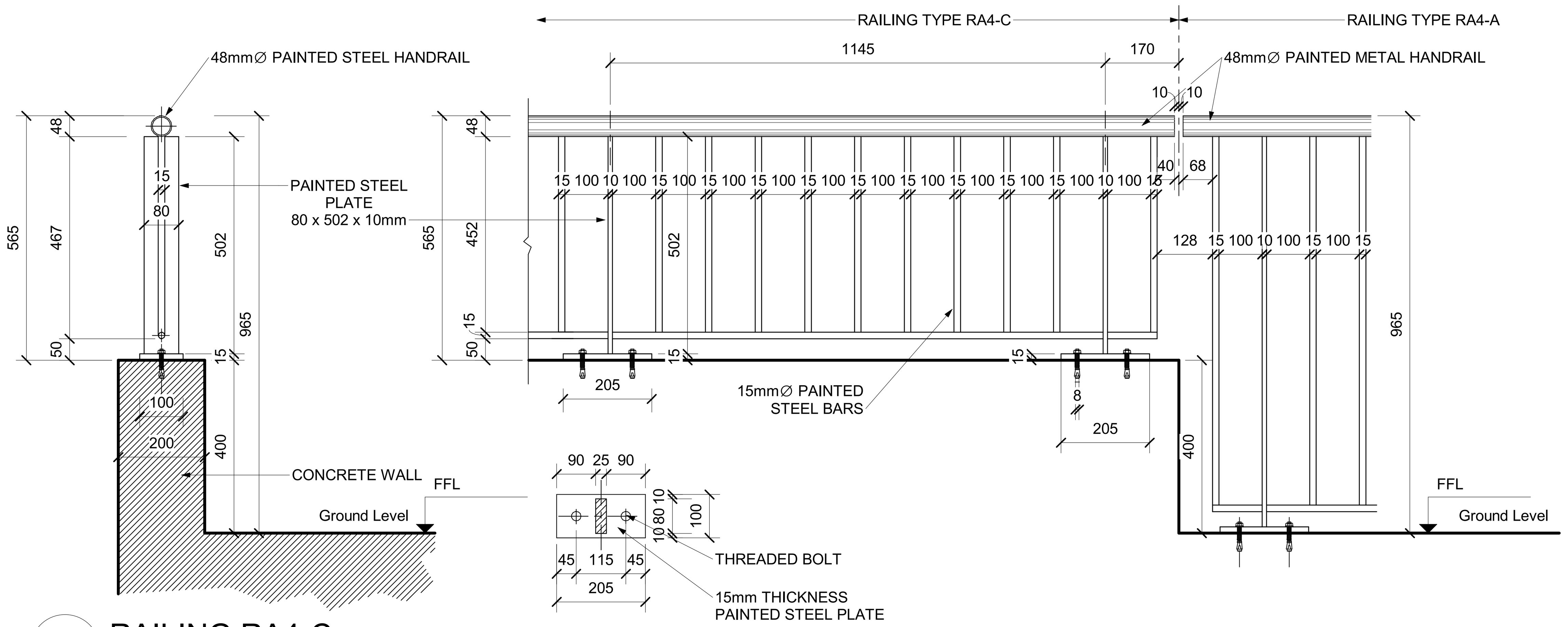
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SCALE : 1 : 50
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

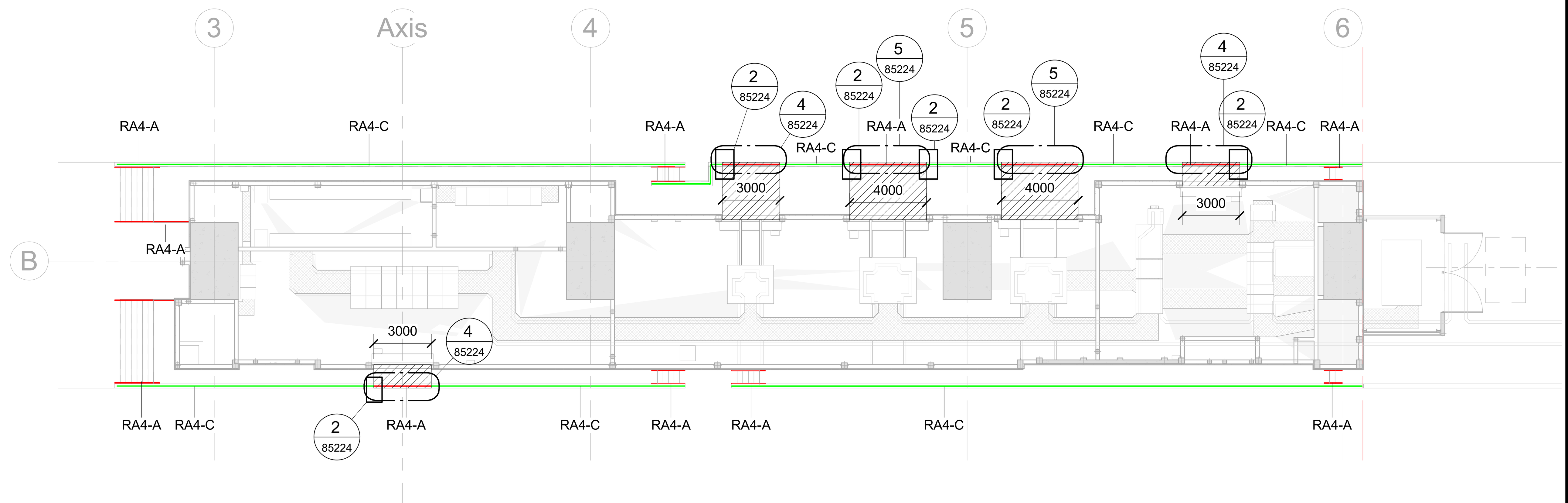
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ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 4

Page: 1 of 1

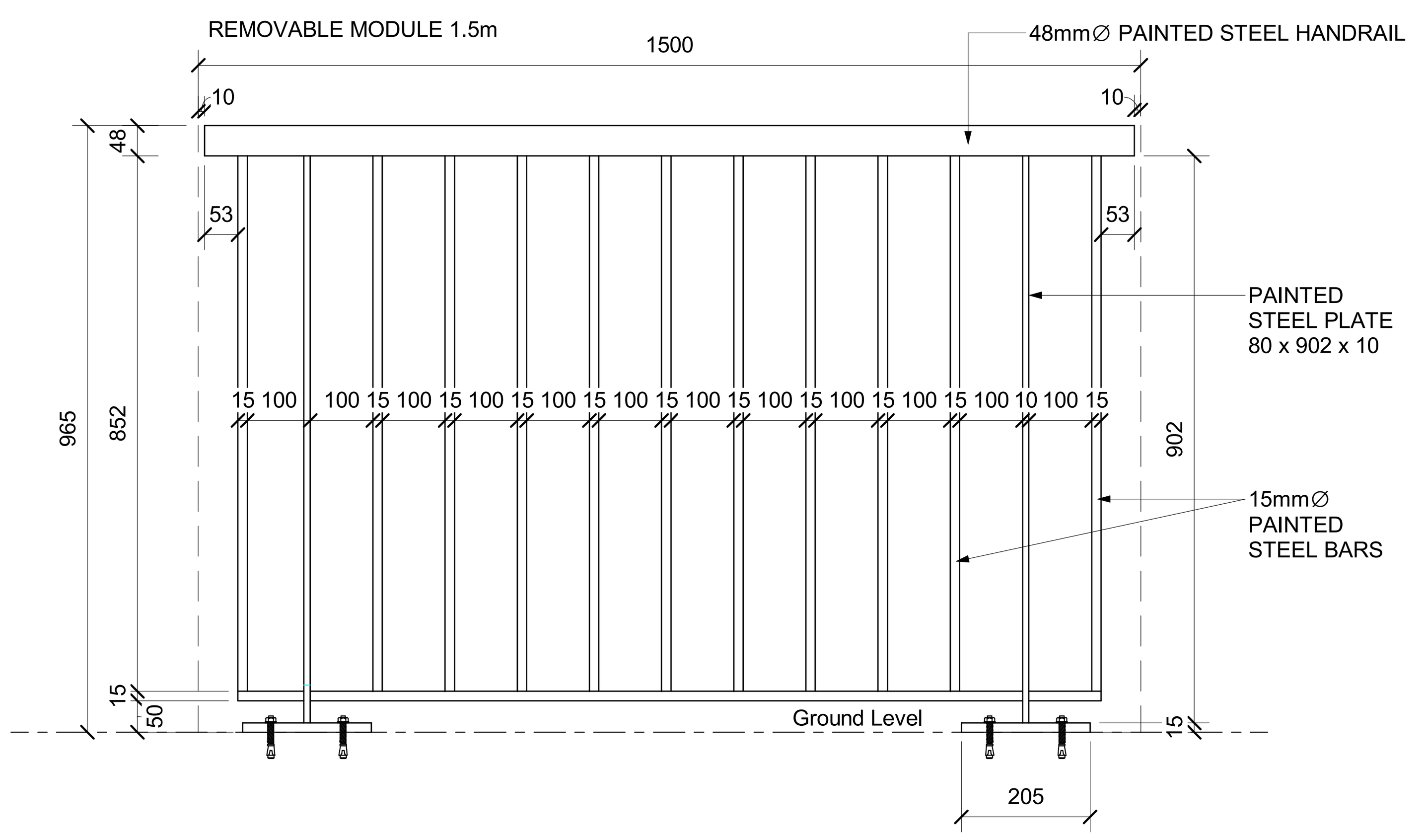
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2 RAILING RA4-C
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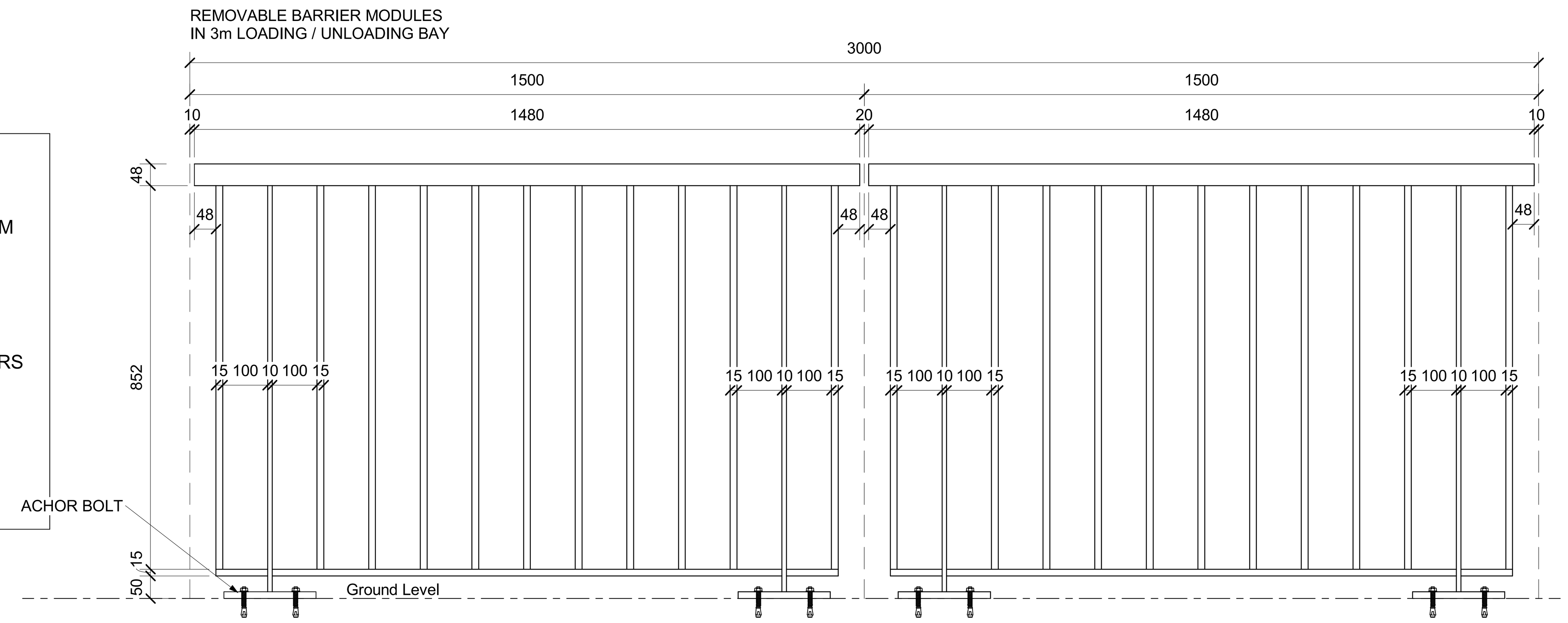


1 GROUND LEVEL
SCALE 1 : 200

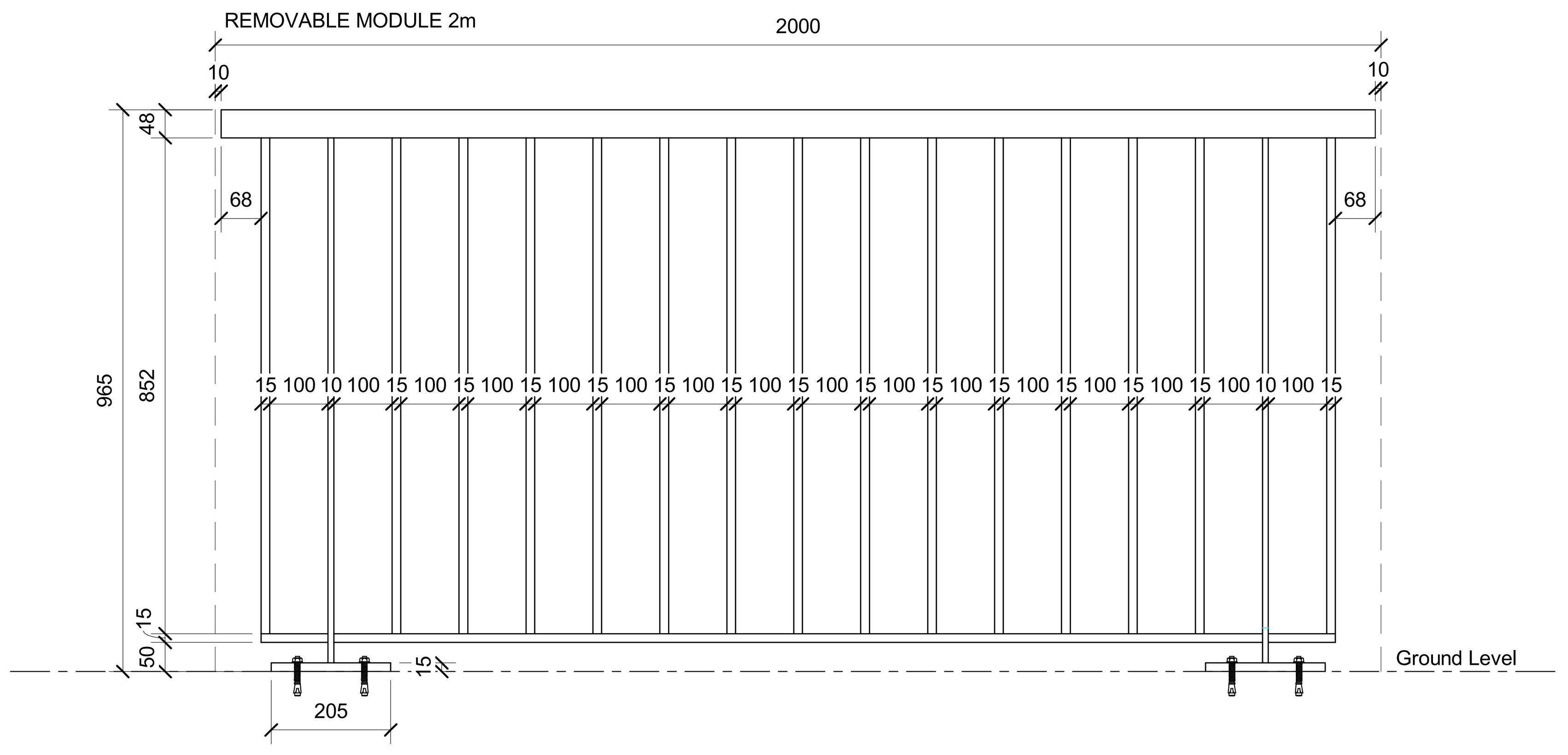


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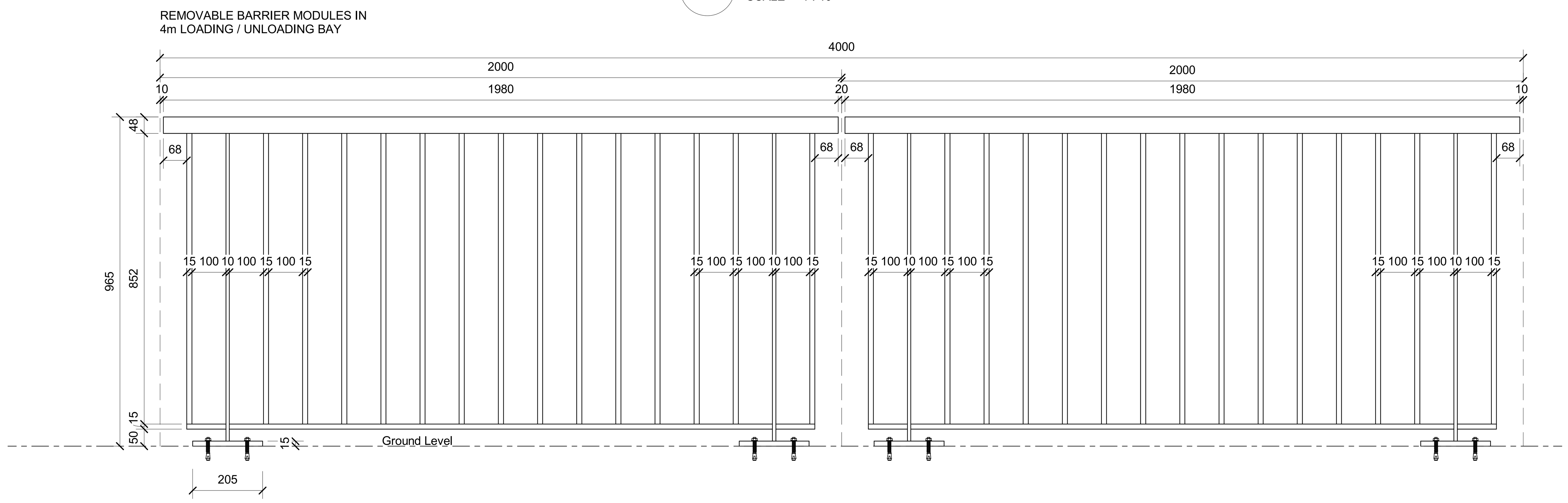
- RA4-D RAILING CONCURSE 1250MM
- RA4-A RAILING CONCURSE
- RA3 SAFETY RAILING
- RA5 RAILING EMERGENCY STAIRS
- RA4-B RAILING PLATFORM STAIR
- RA4-C RAILING GROUND LEVEL
- RAO



4 REMOVABLE MODULES COMBINATION 3000
SCALE 1 : 10



3 RAILING RA4-A.REMOVABLE MODULES
SCALE 1 : 10



5 REMOVABLE MODULES COMBINATION 4000
SCALE 1 : 10

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DRAWINGS TO BE ANALYZED IN CONJUCTION WITH DOCUMENT NUMBER:
- 93M-0407-SEN-000PW-END-53701
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- 93M-0407-SEN-000PW-END-53711
- 93M-0407-SEN-000PW-END-53720
- 93M-0407-SEN-000PW-END-53721
- 93M-0407-SEN-000PW-END-53725
- 93M-0407-SEN-000PW-END-53726

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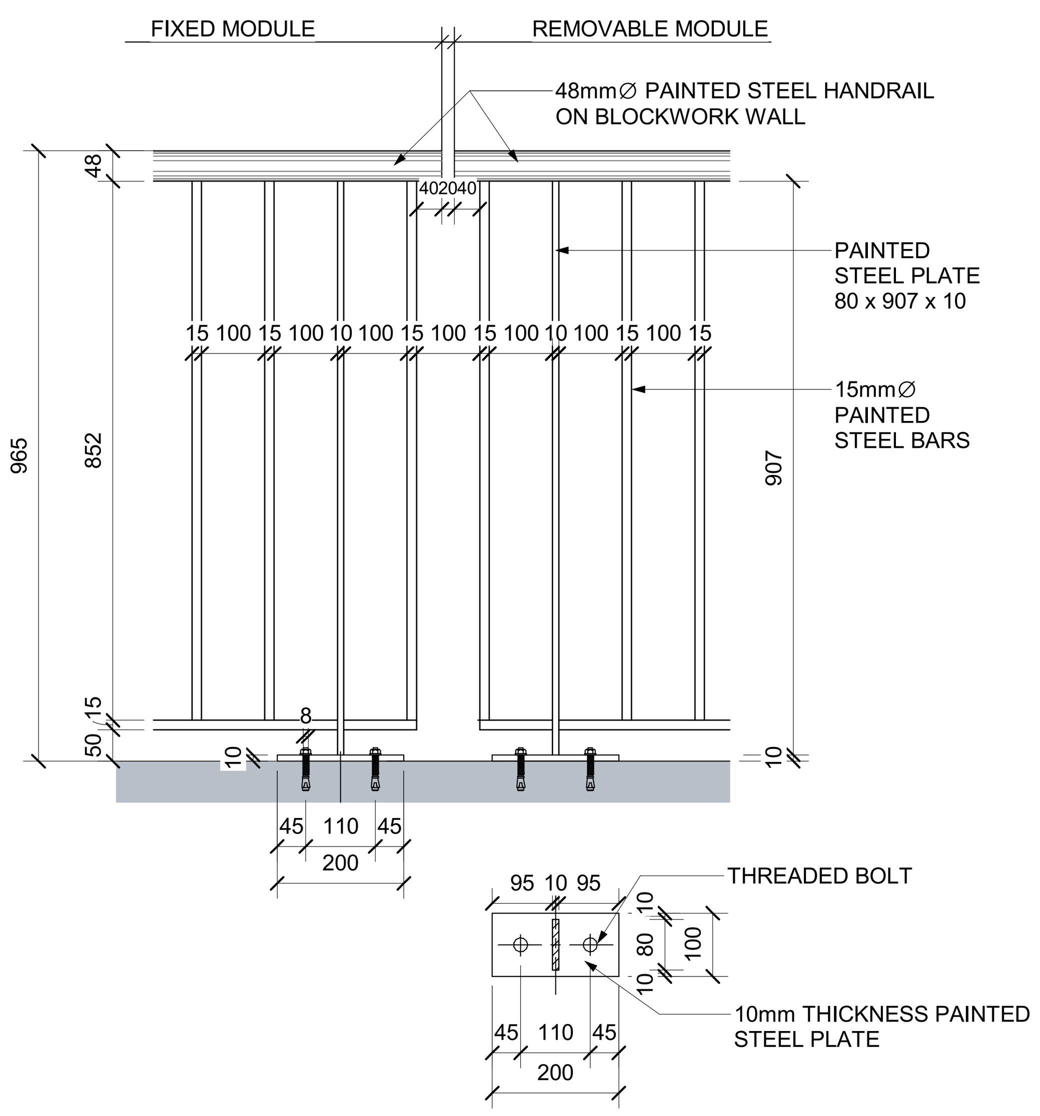
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PURPOSE OF ISSUE : FOR APPROVAL

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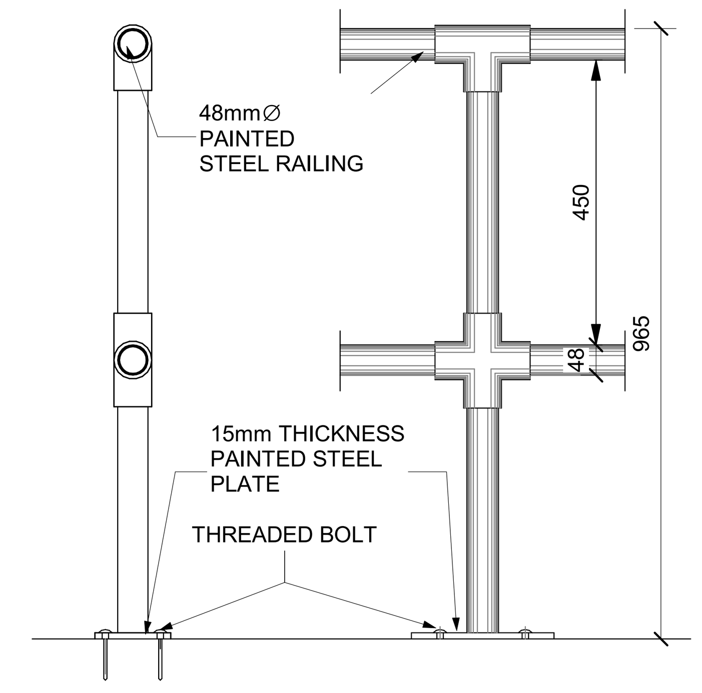
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 5

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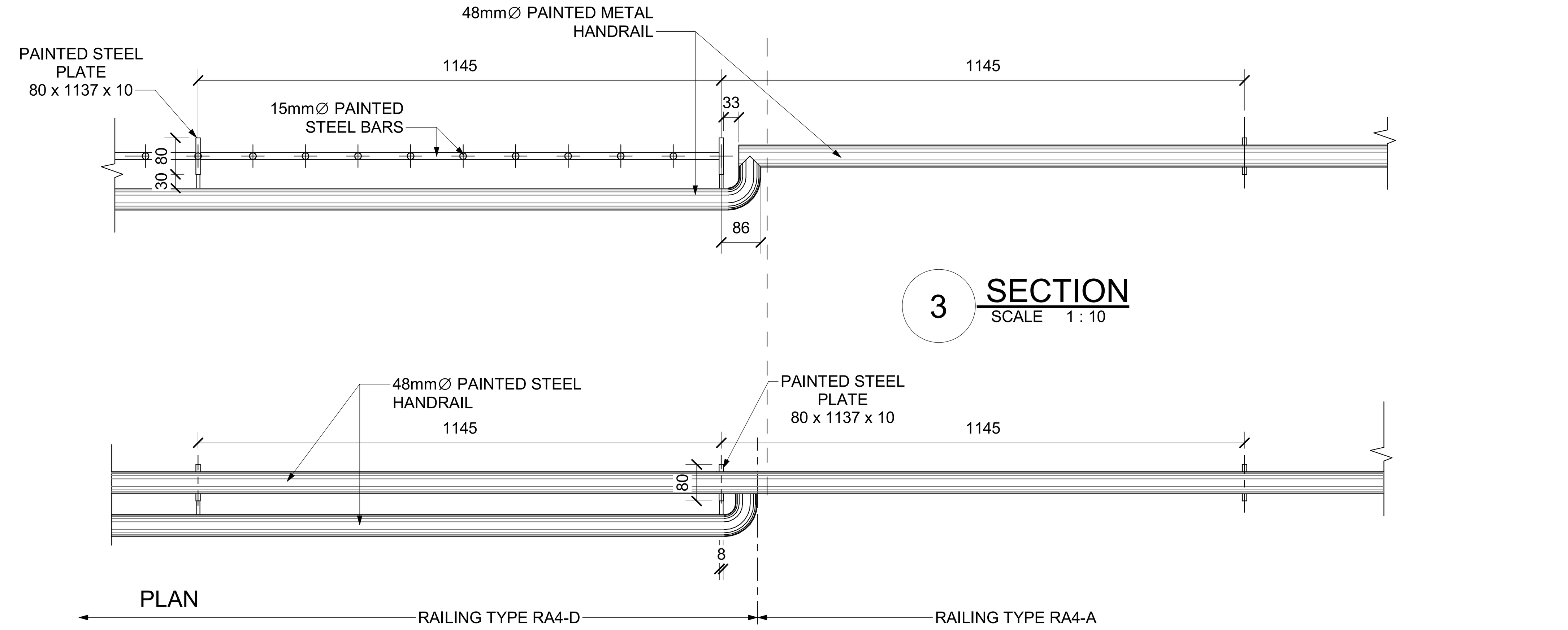
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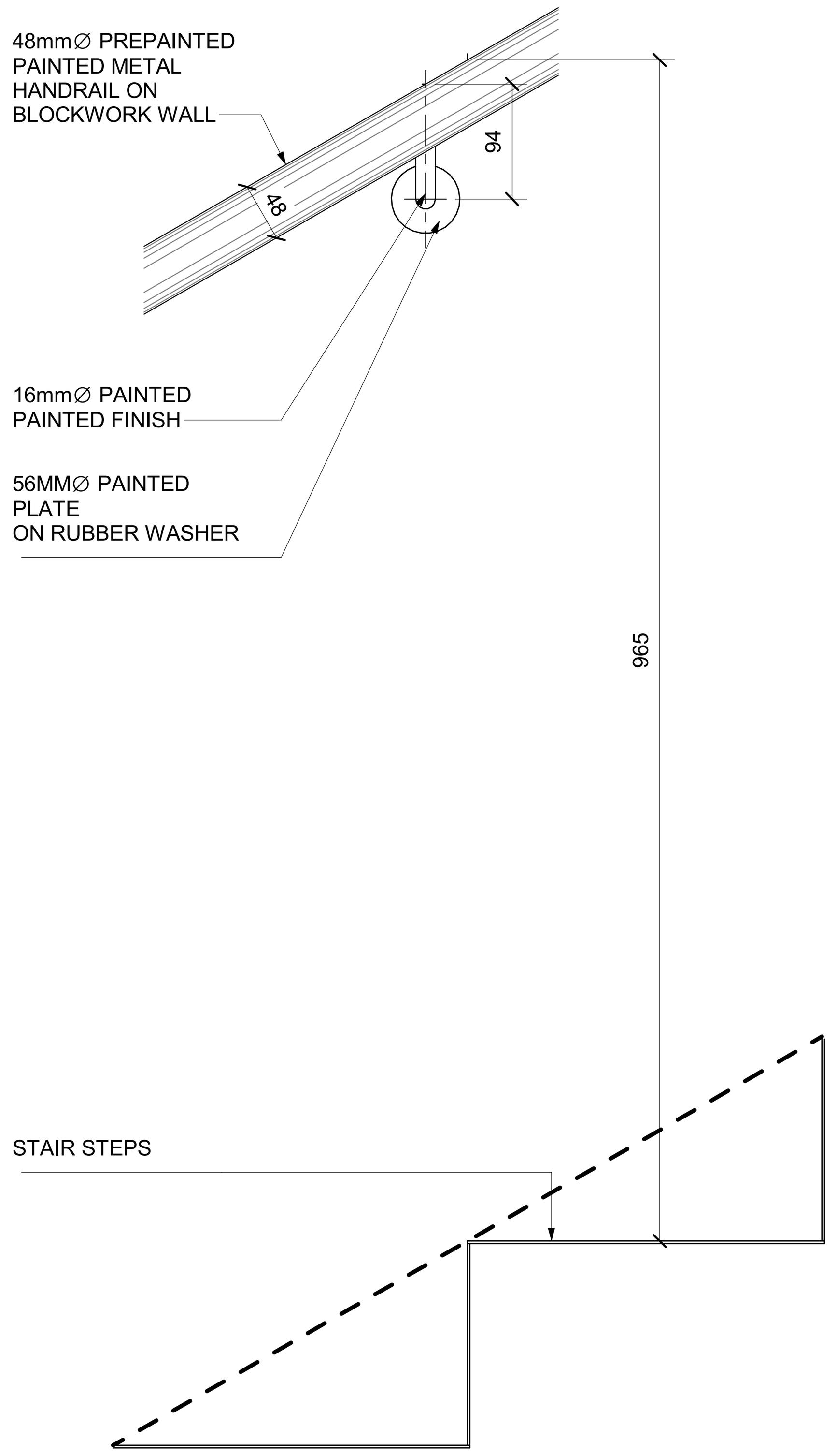
1 MATCH RAILING RA4-A
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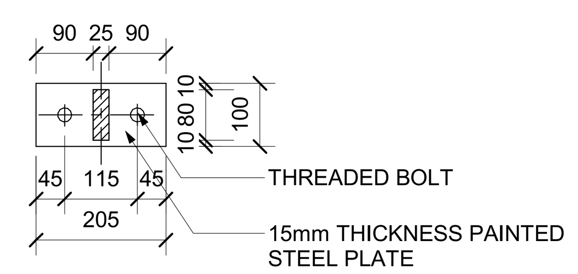
5 RA3. PAINTED STEEL SAFETY RAILING
SCALE 1 : 10

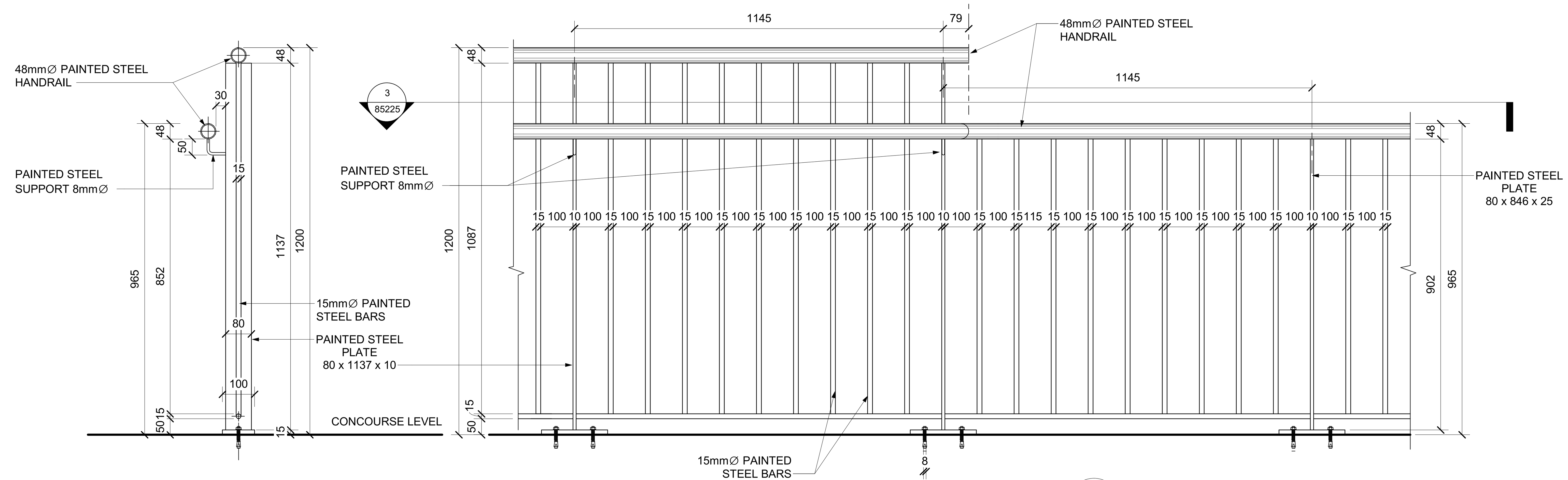


3 SECTION
SCALE 1 : 10



4 RA0. WALL MOUNTED PAINTED STEEL HANDRAIL
SCALE 1 : 5





2 RAILING RA4-D
SCALE 1 : 10

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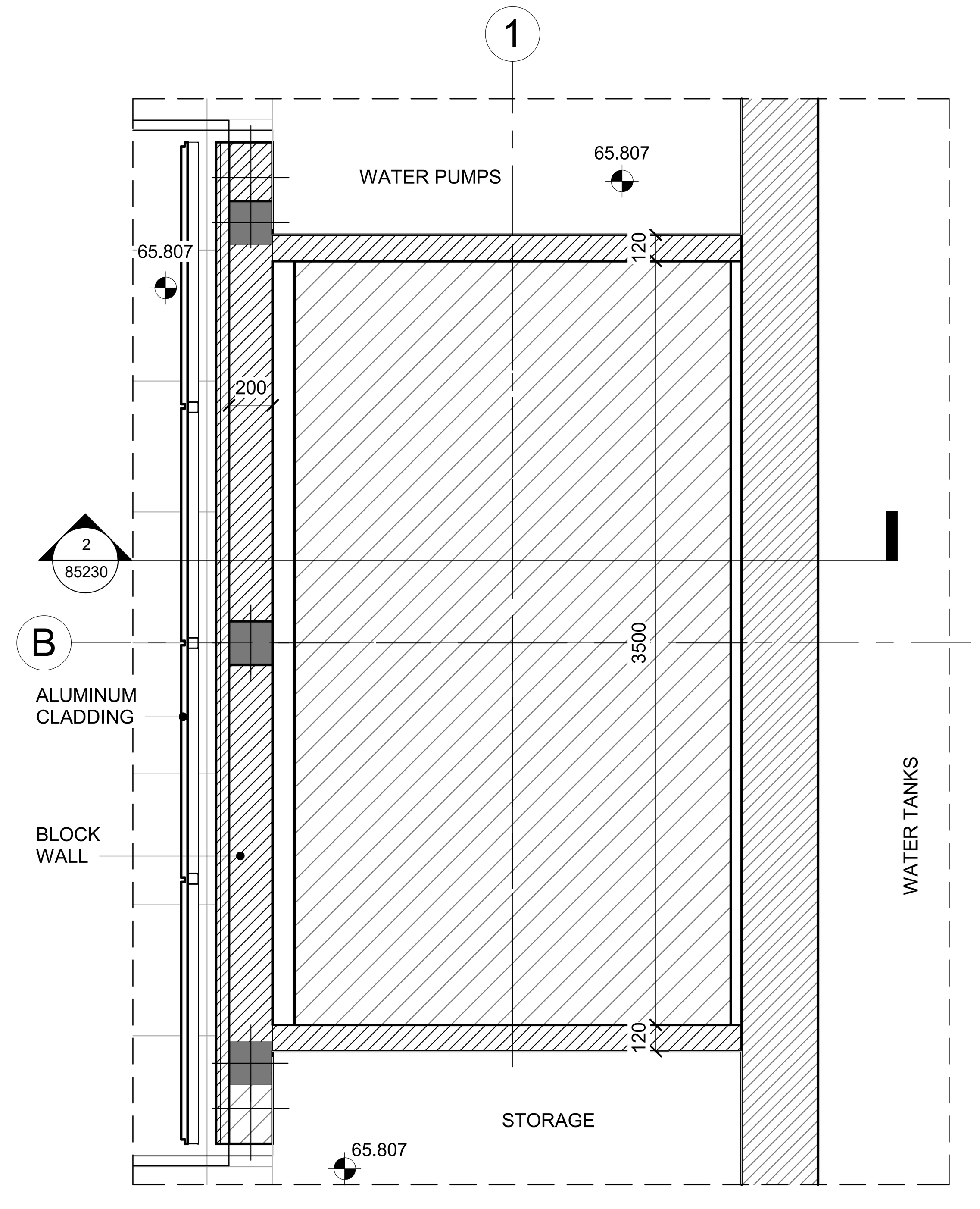
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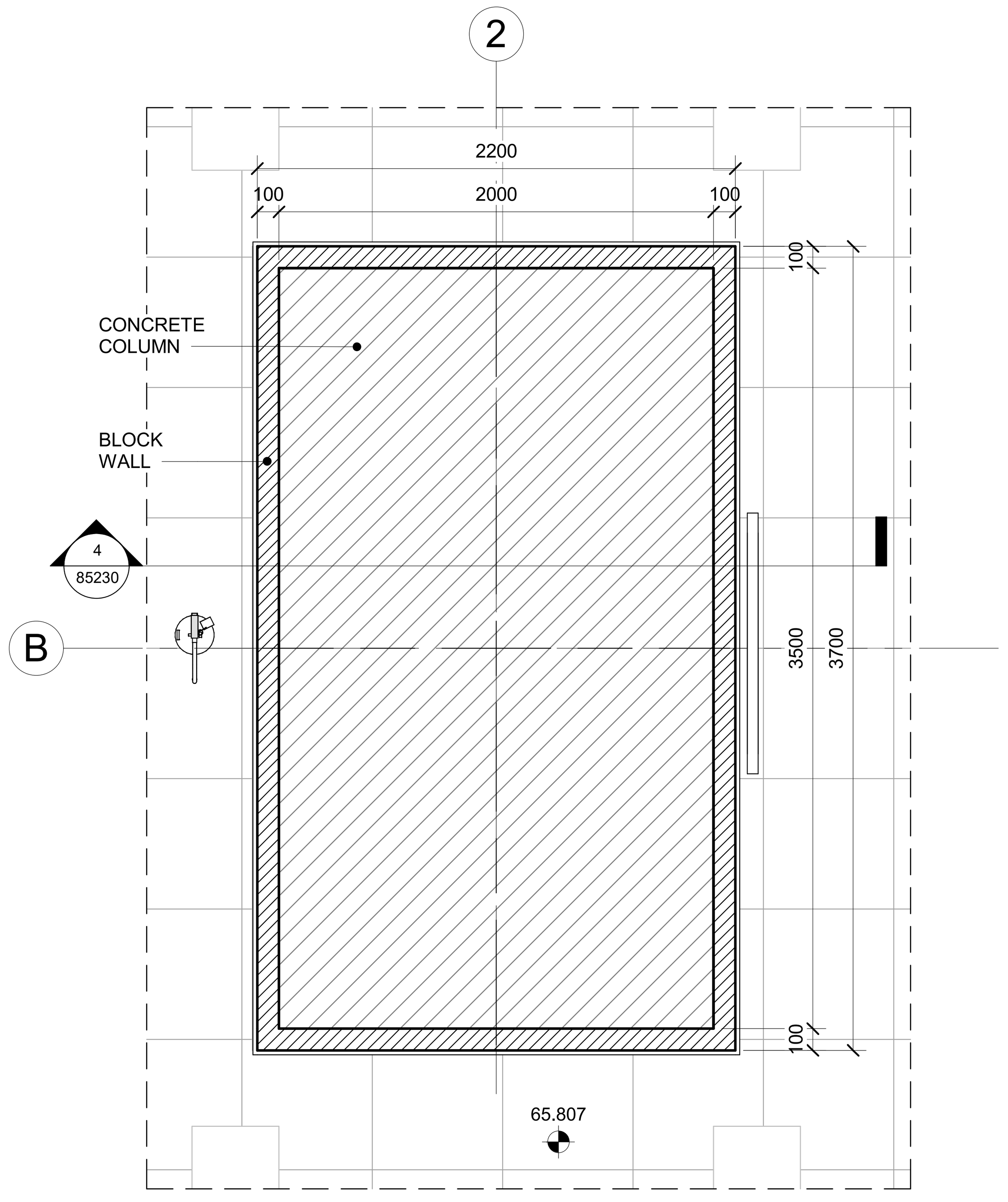
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ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 6

Page: 1 of 1

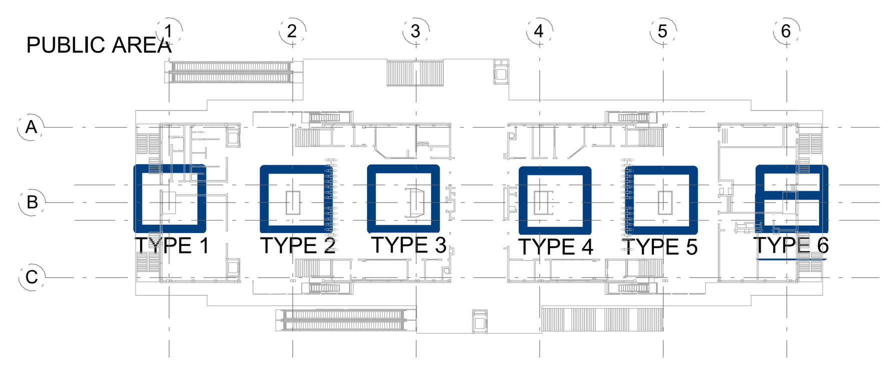
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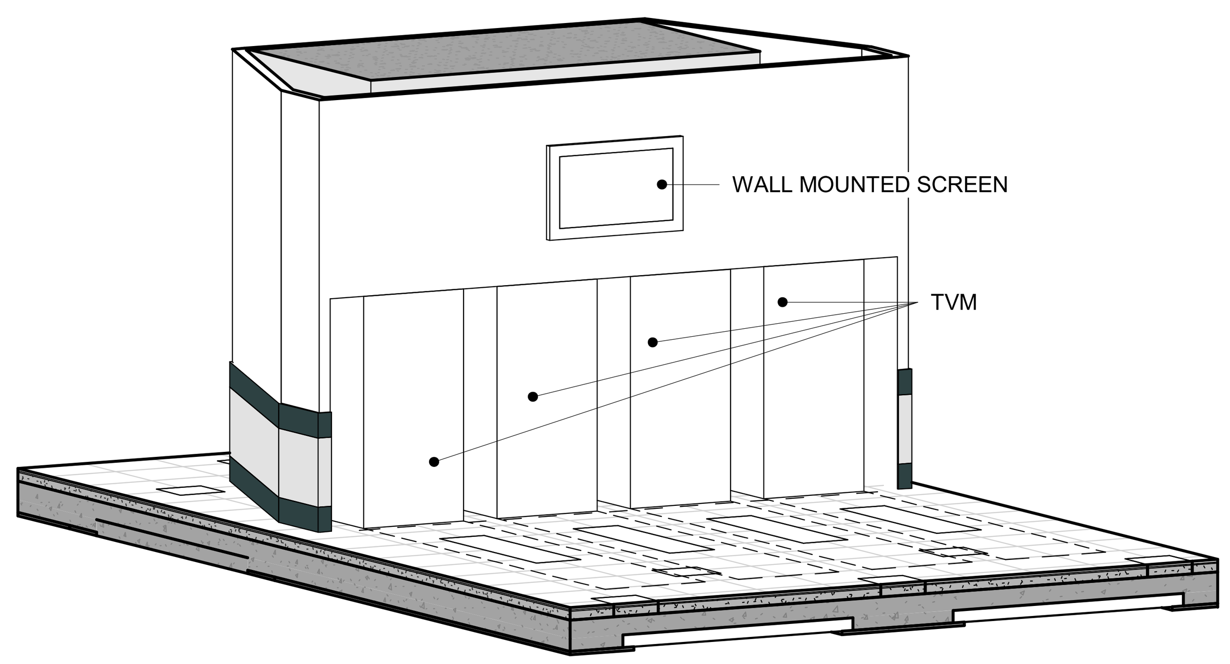


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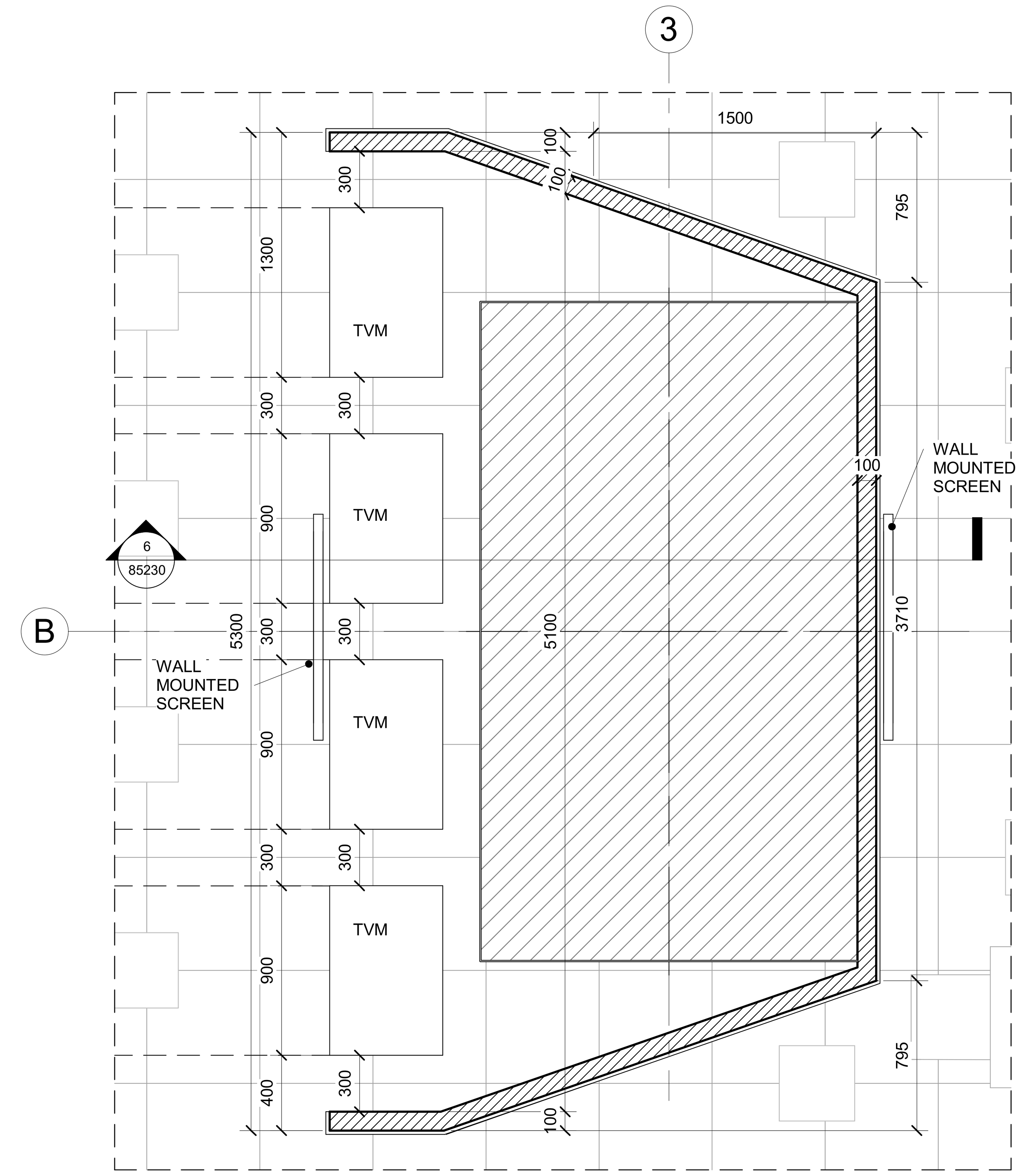


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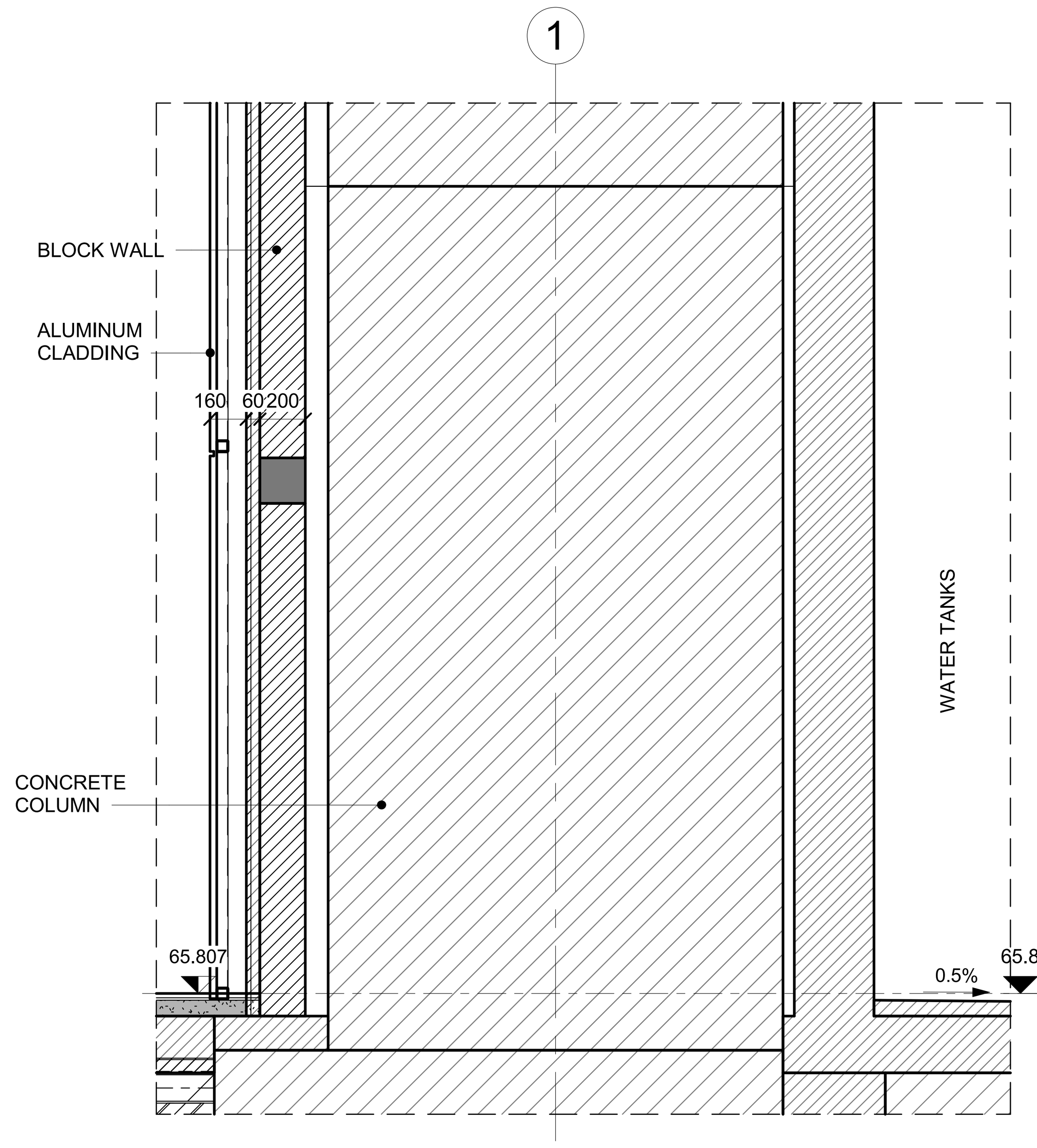




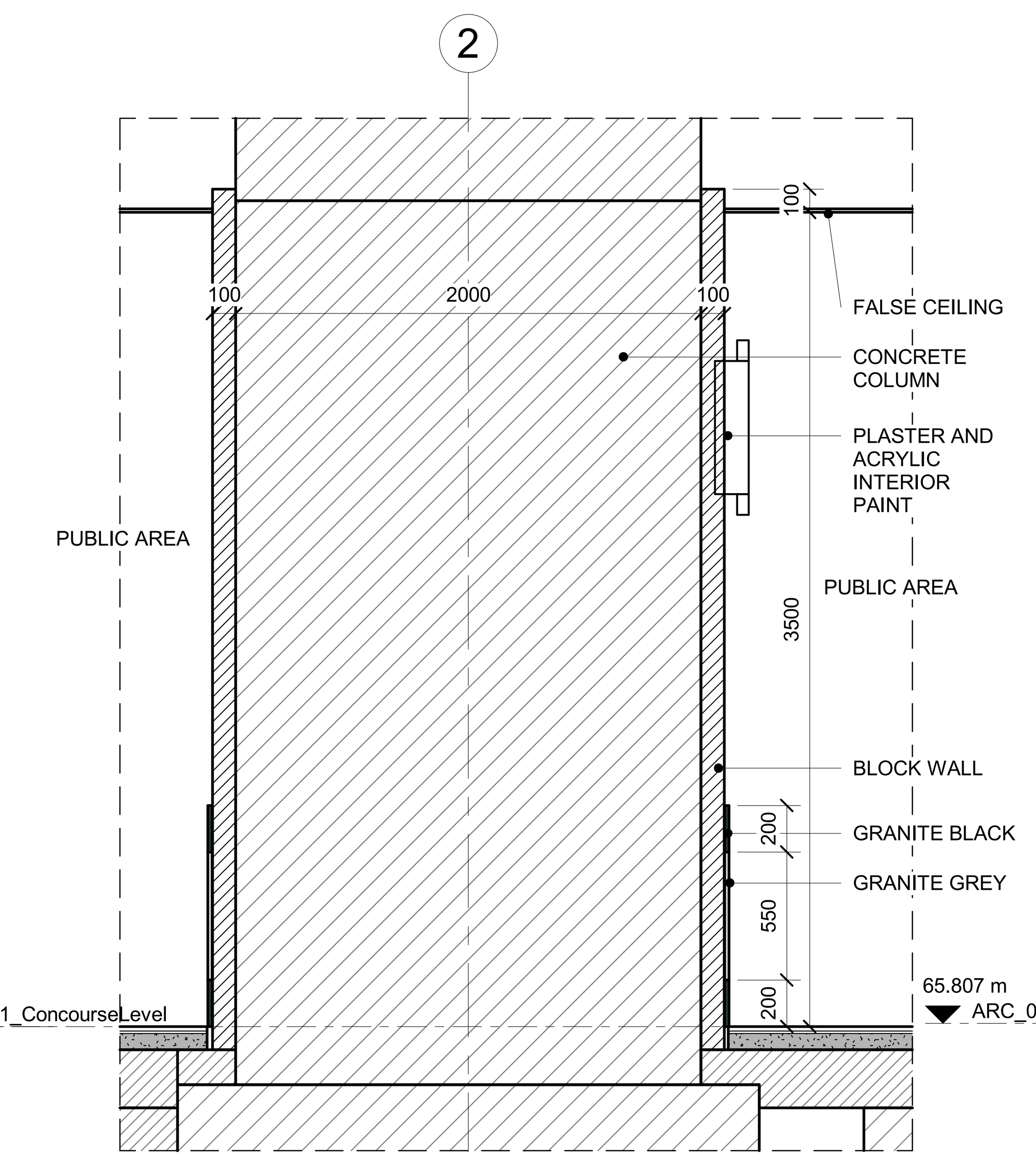
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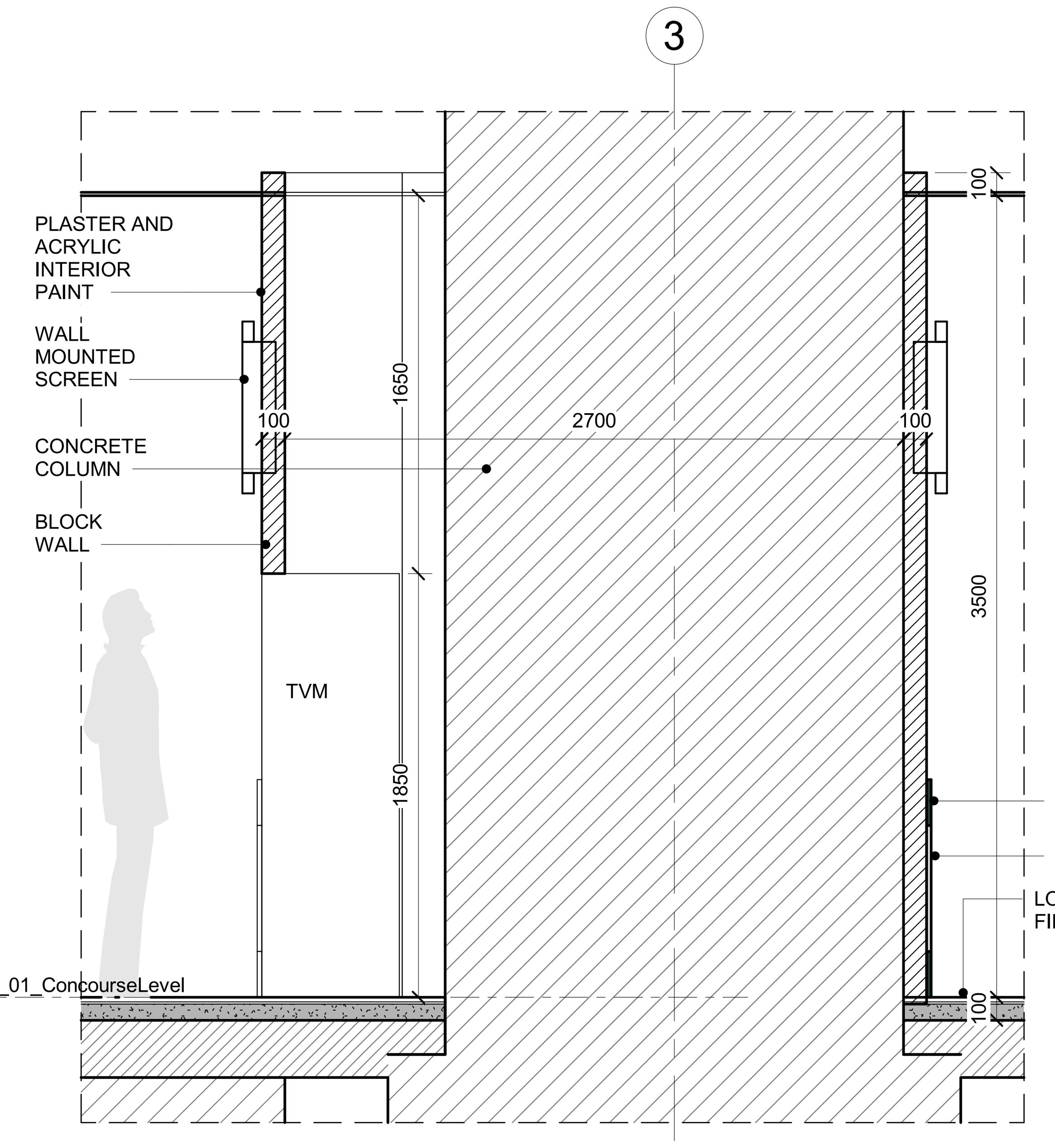
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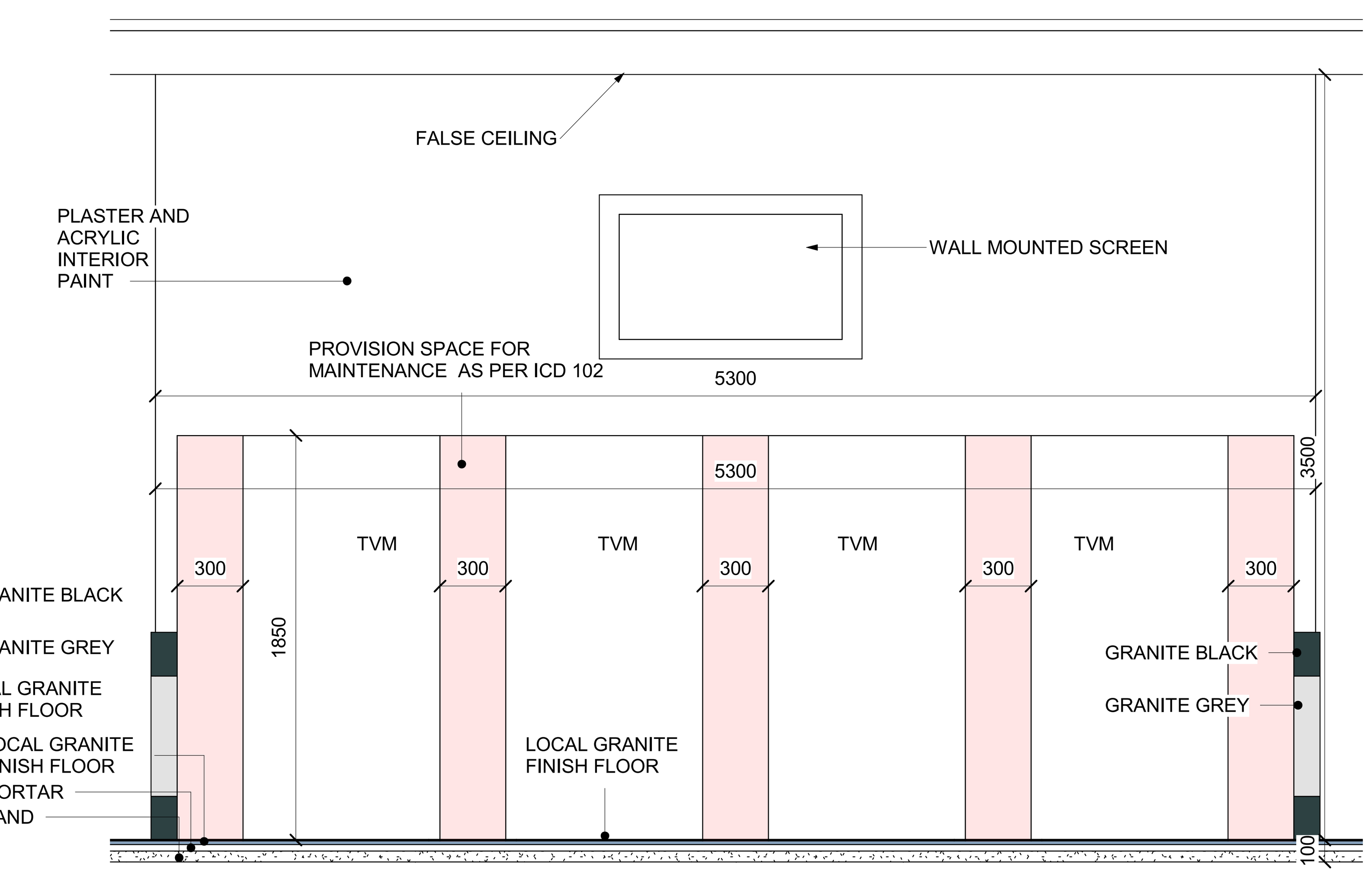
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4 COLUMN TYPE 2.SECTION
SCALE 1 : 25



6 COLUMN TYPE 2.SECTION
SCALE 1 : 25



7 COLUMN TYPE 3. TVM ELEVATION
SCALE 1 : 25

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KEY PLAN :

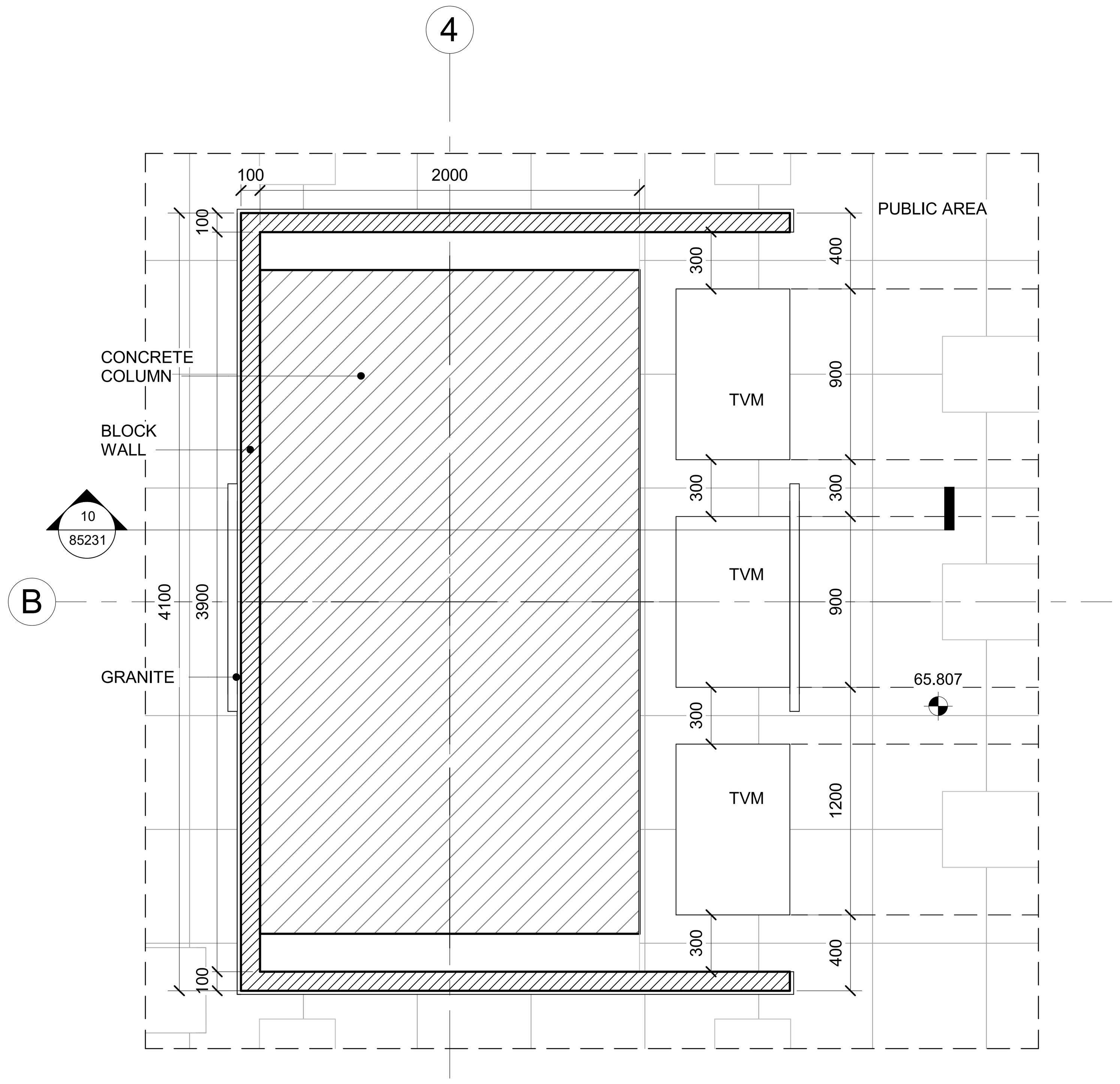
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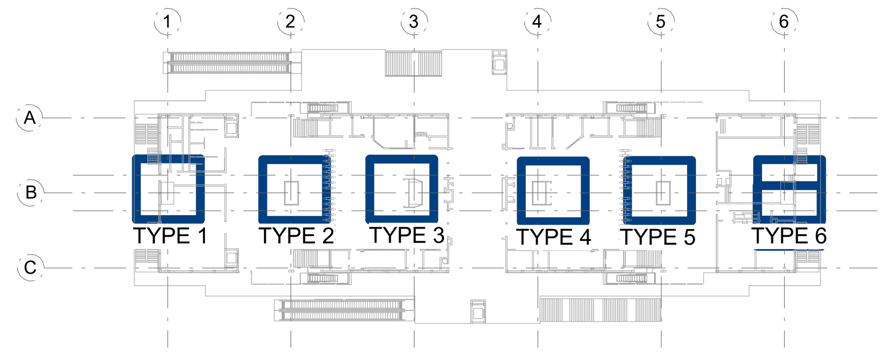
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GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.COLUMNS CLADDING DETAILS 1

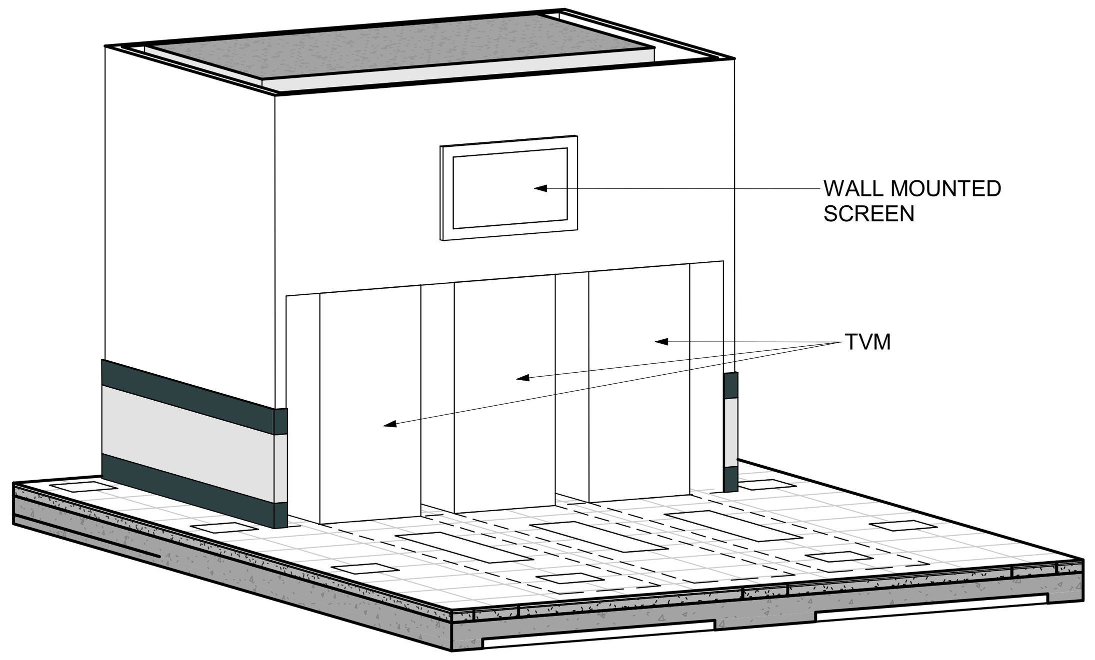
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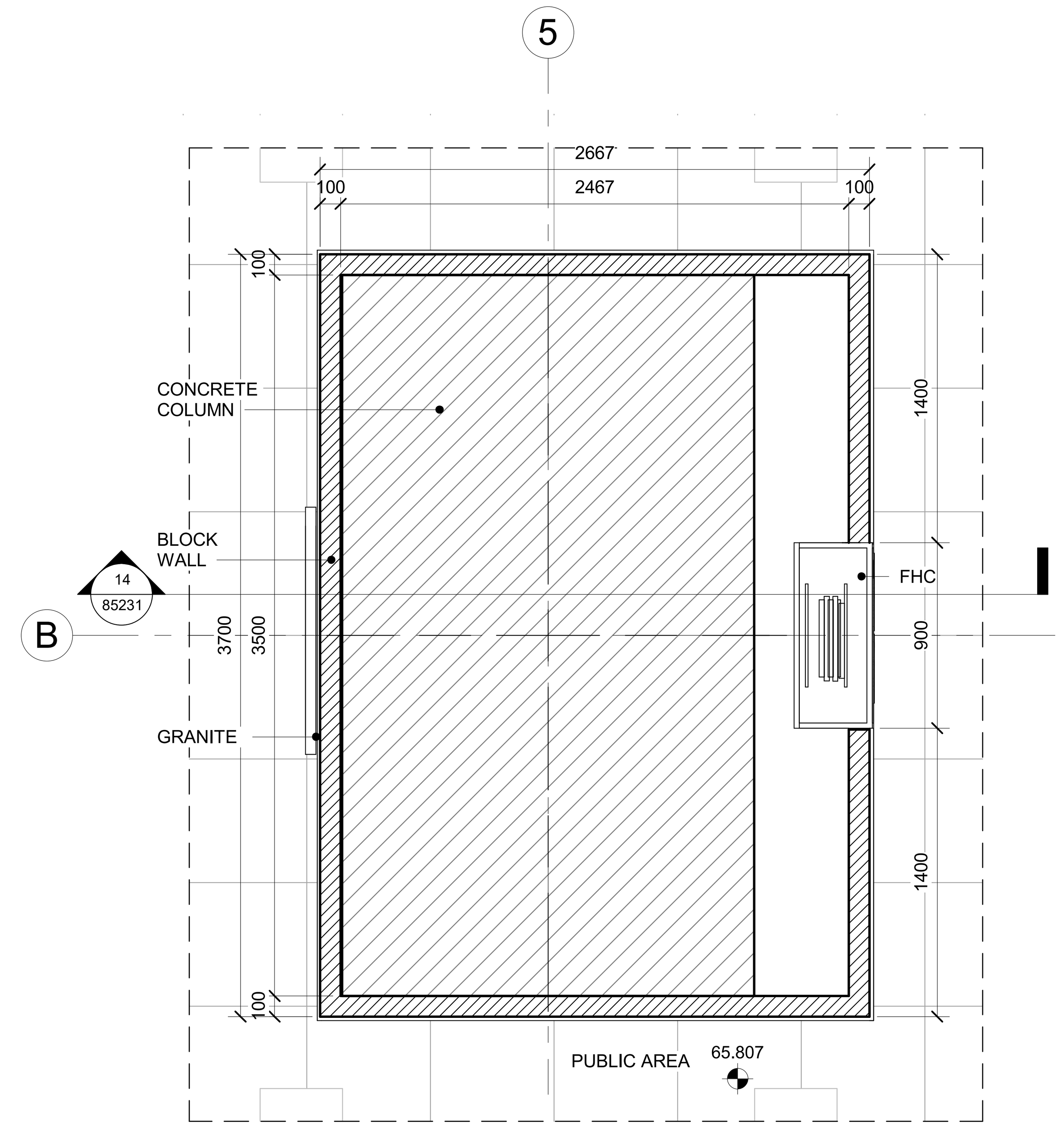


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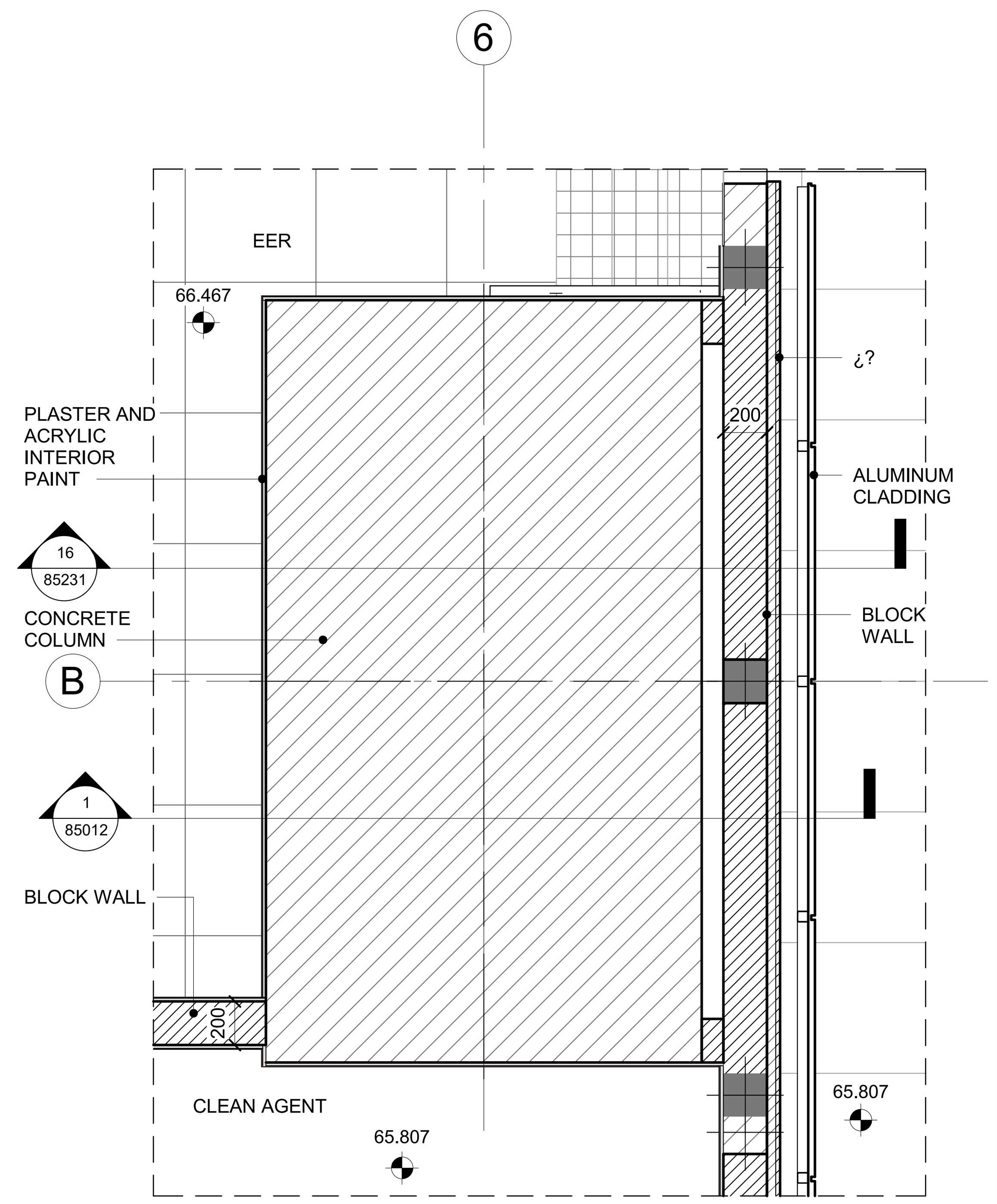




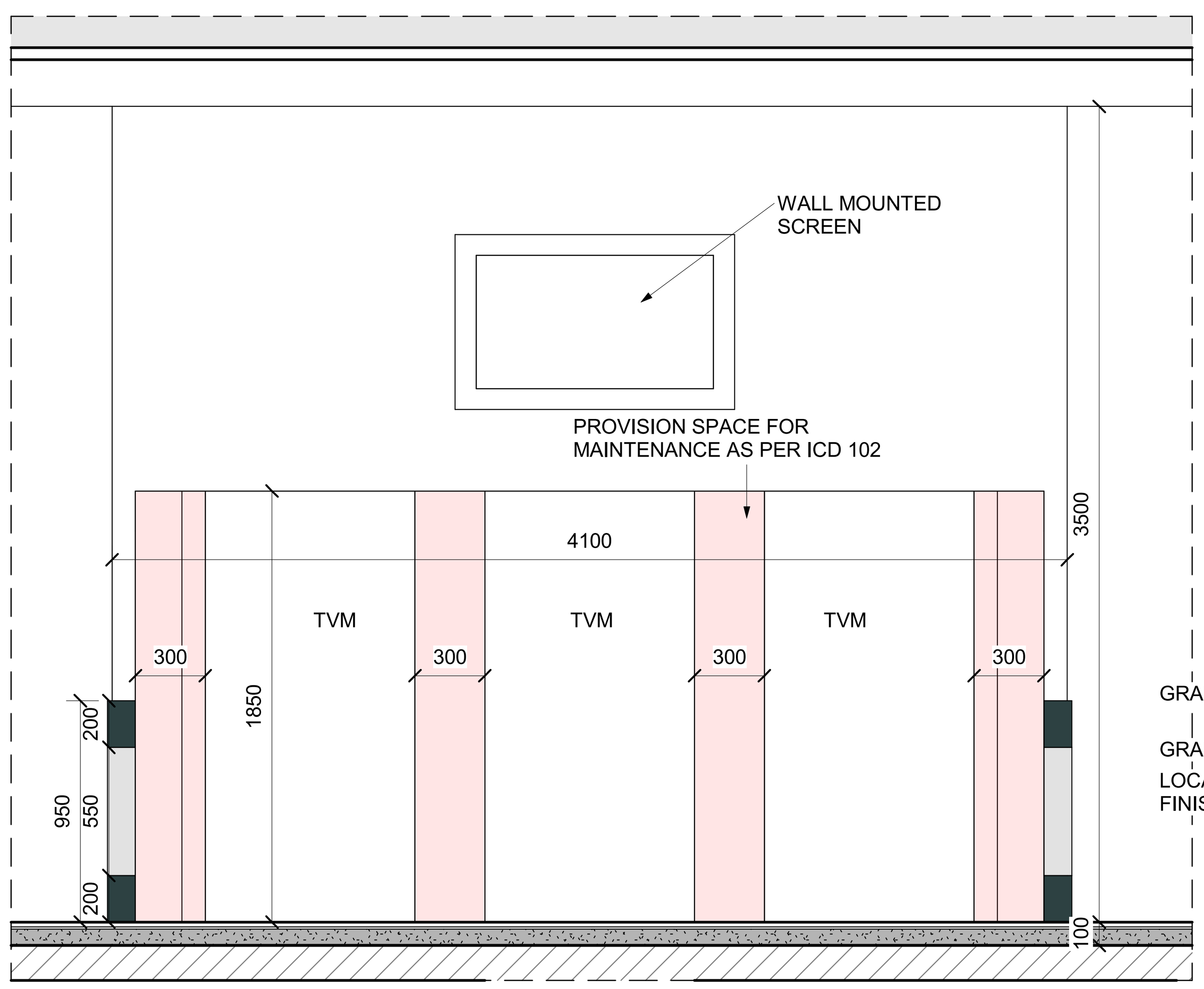
12 TVM
SCALE



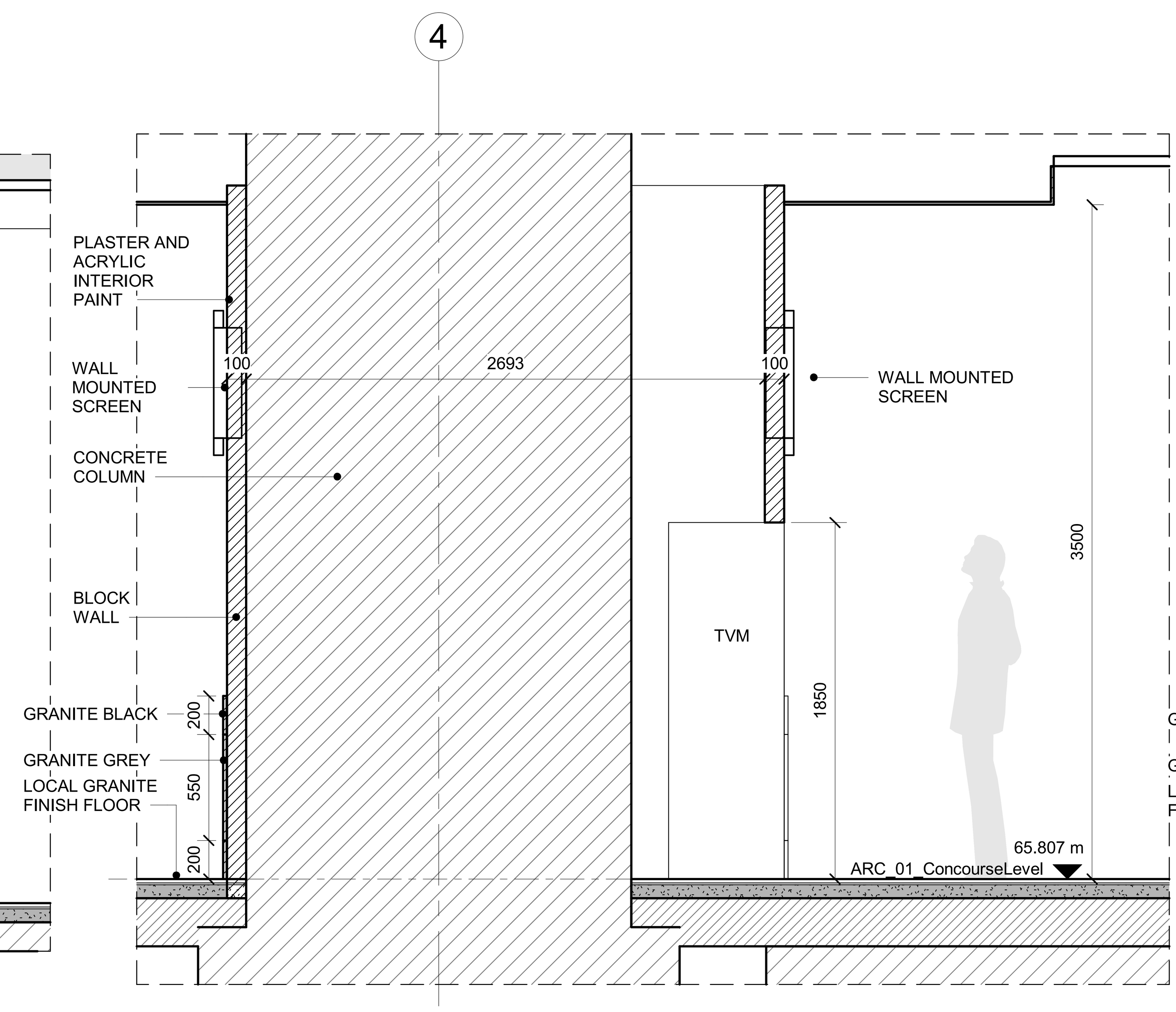
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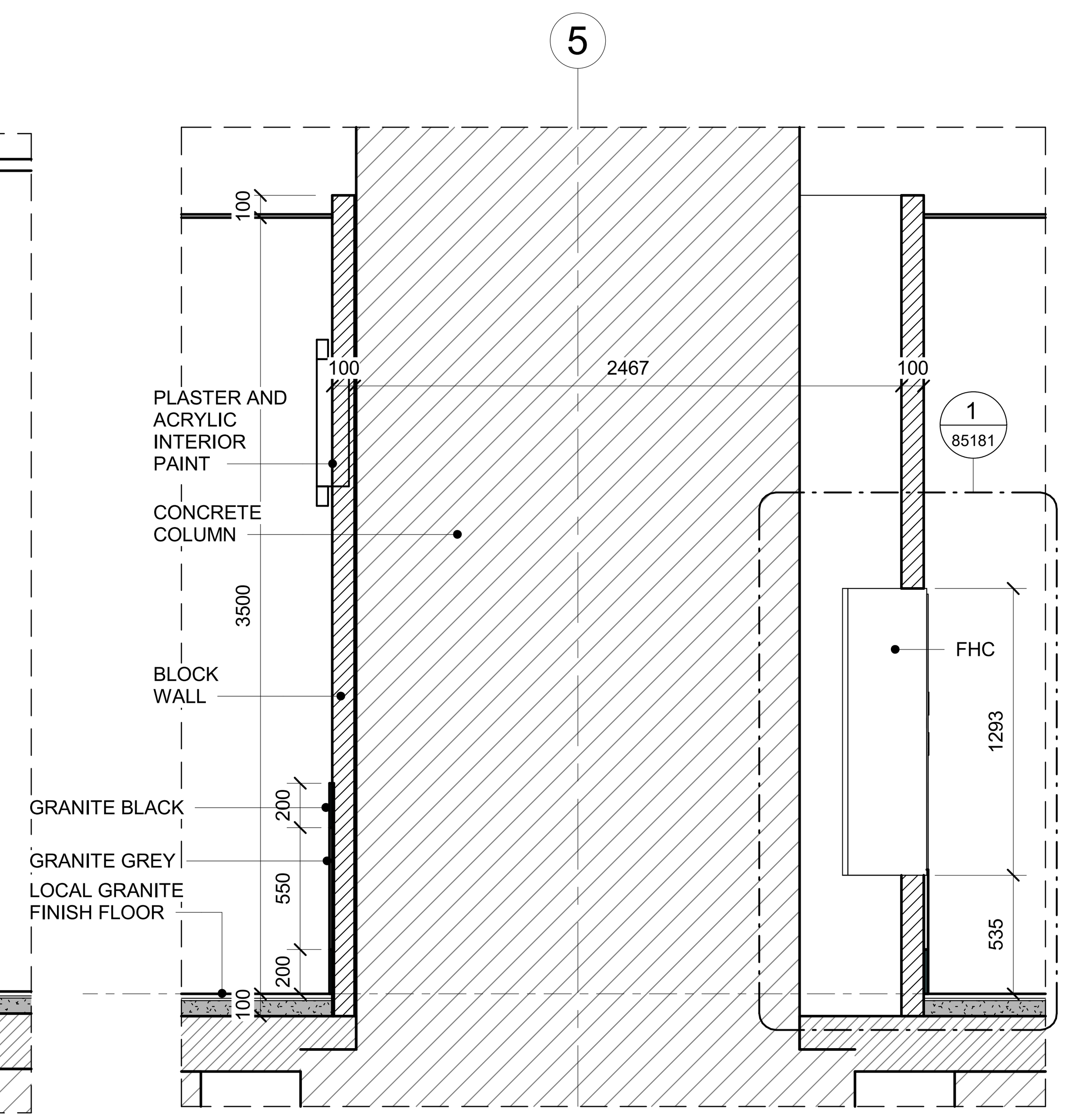
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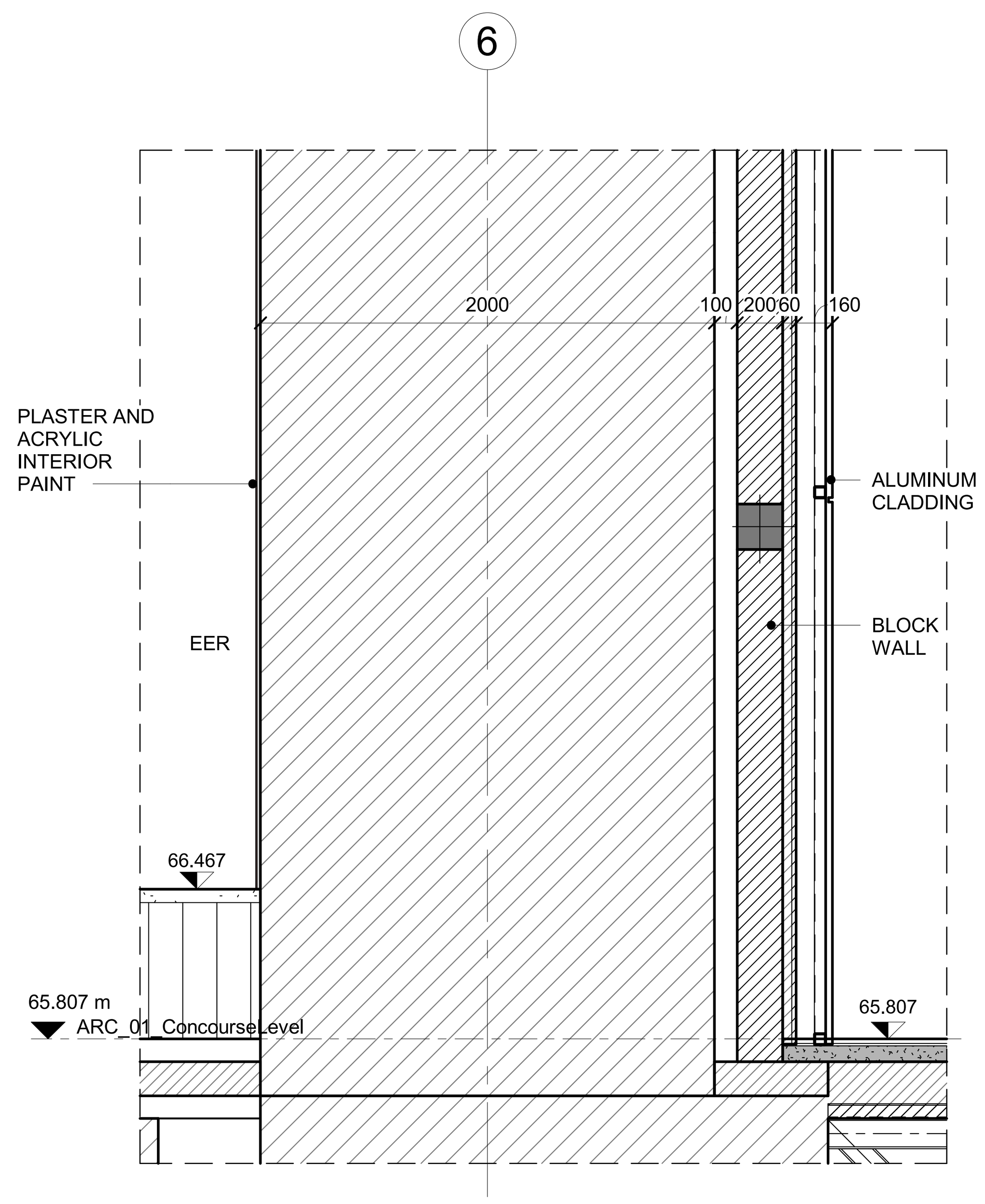
11 COLUMN TYPE 4.TVM ELEVATION
SCALE 1 : 25



10 COLUMN TYPE 4.SECTION
SCALE 1 : 25



14 COLUMN TYPE 5.SECTION
SCALE 1 : 25



16 COLUMN TYPE 6.SECTION
SCALE 1 : 25

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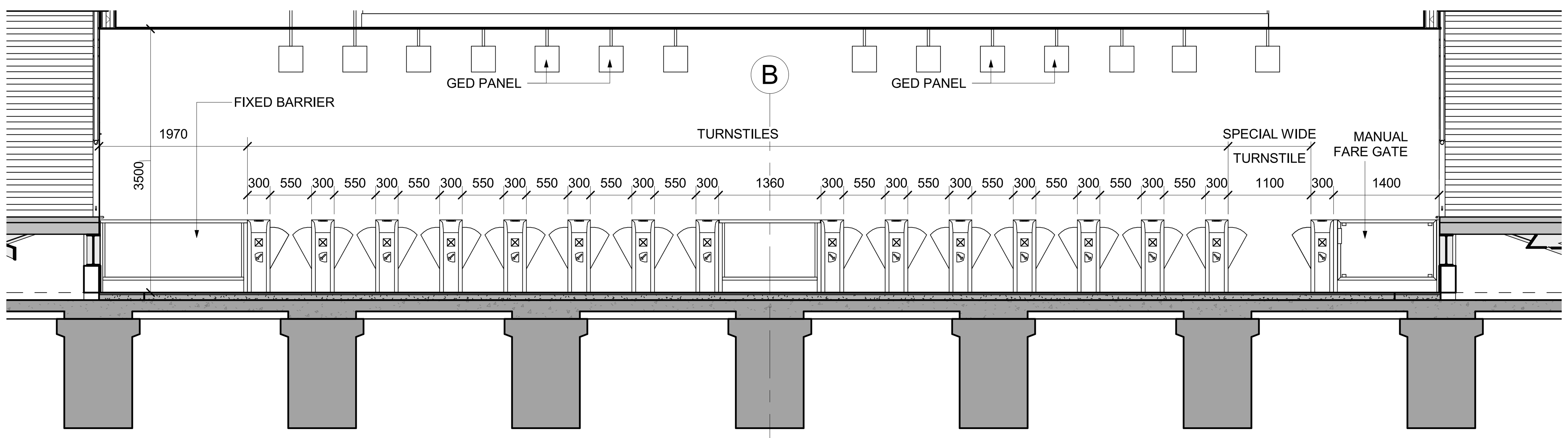
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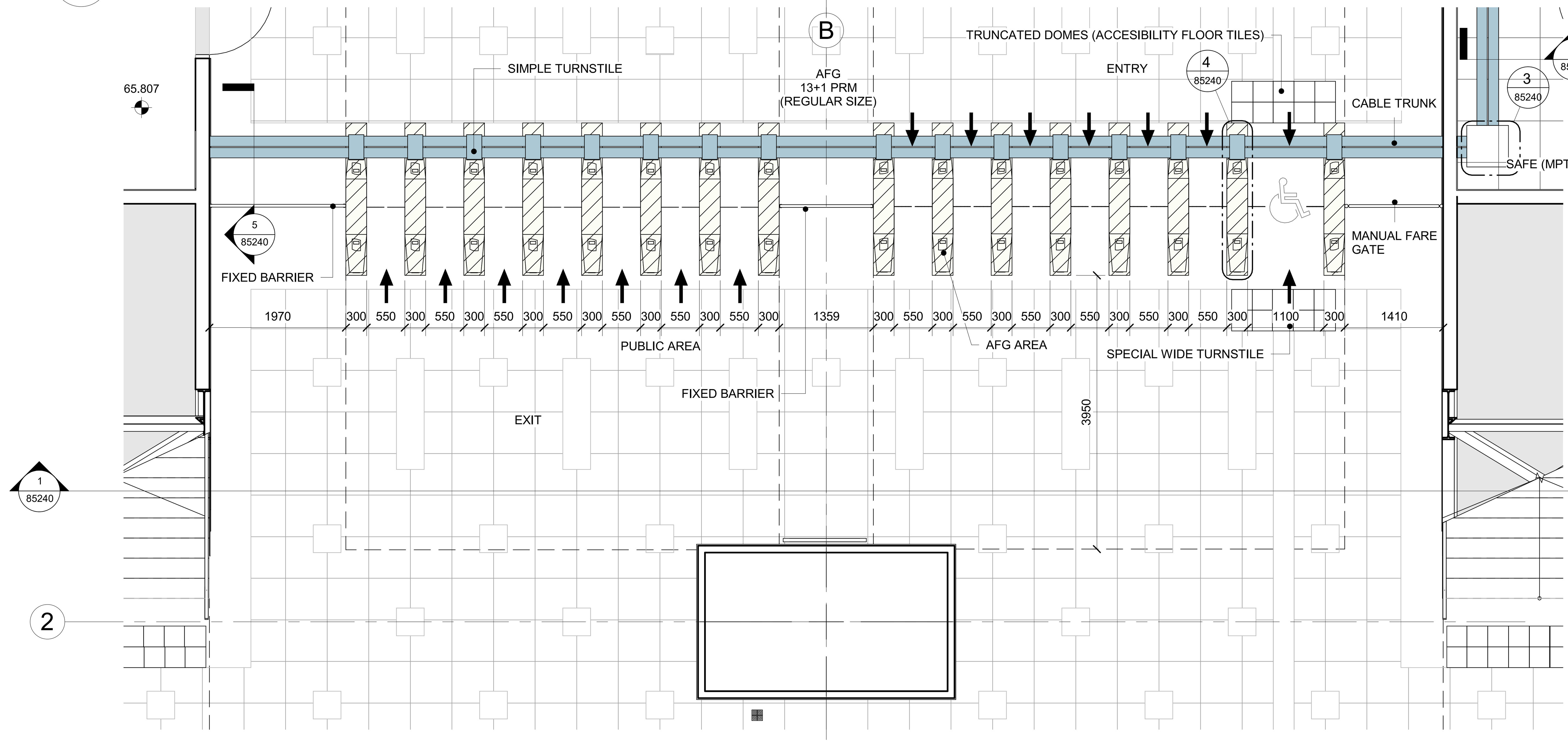
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CLOSED STATION PROTOTYPE 3.COLUMNS CLADDING DETAILS 2

Page: 1 of 1

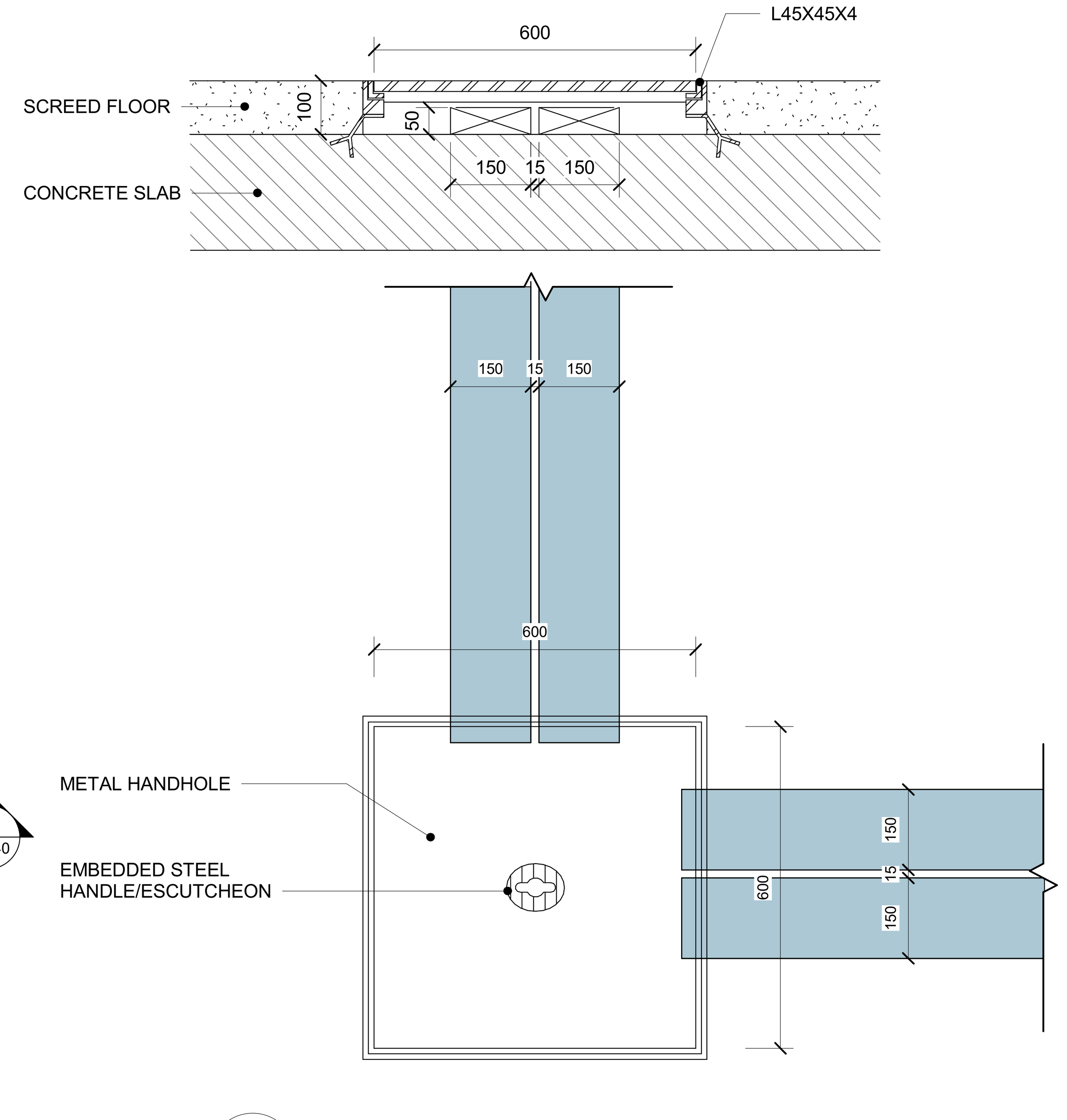
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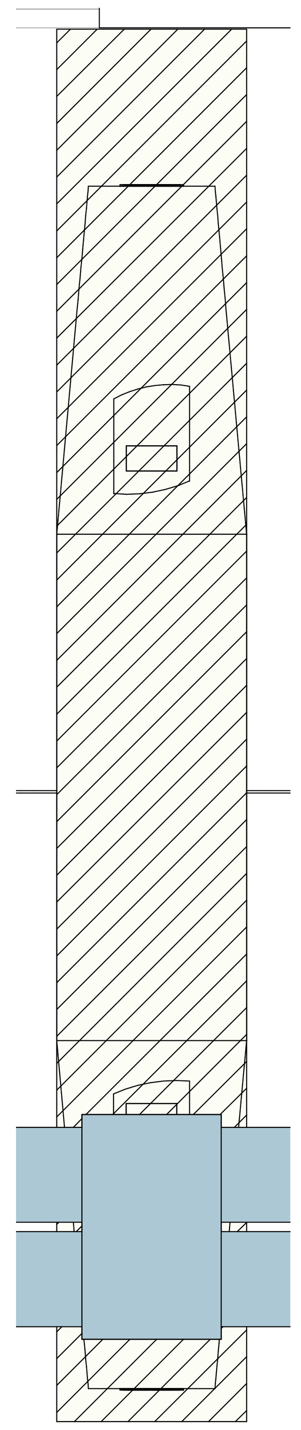
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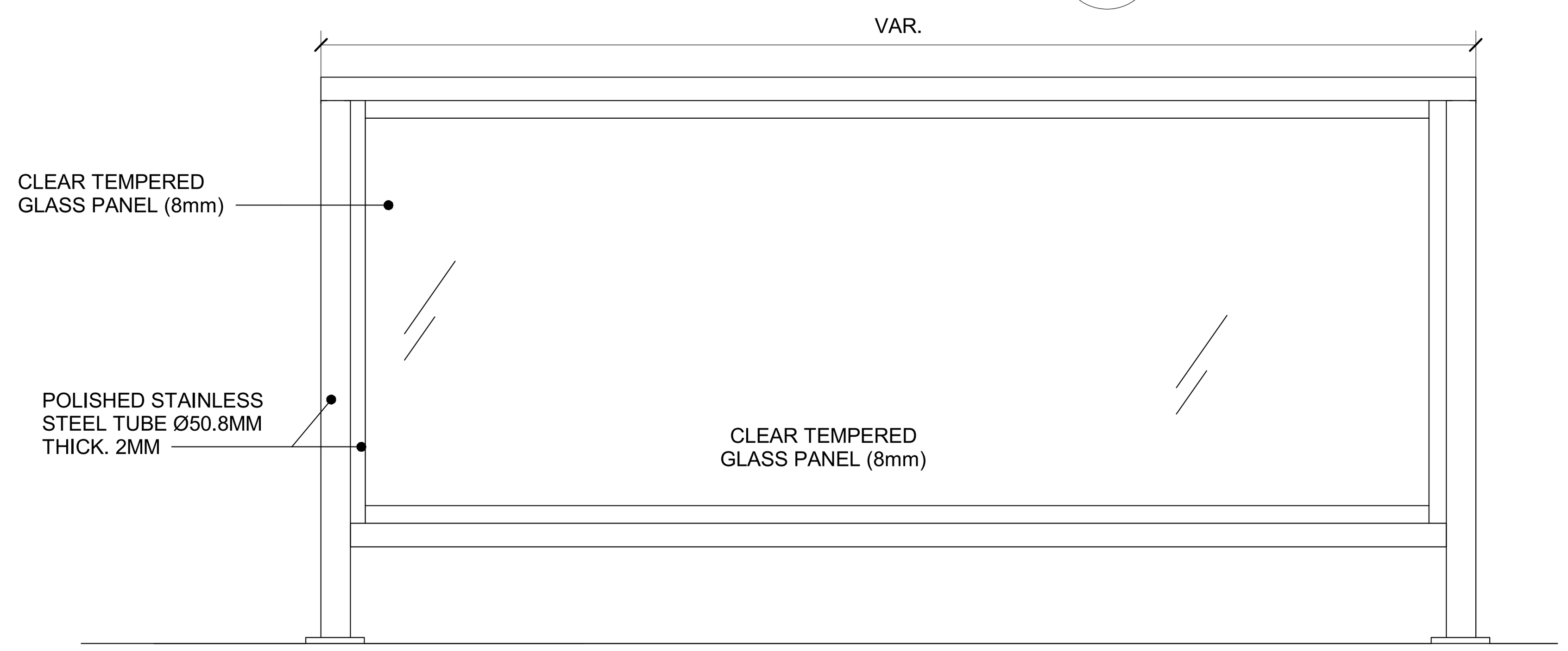
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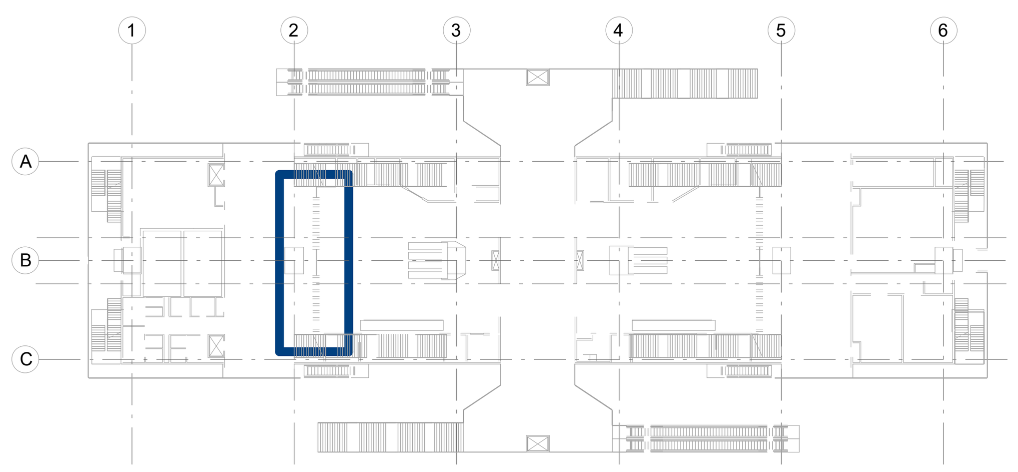
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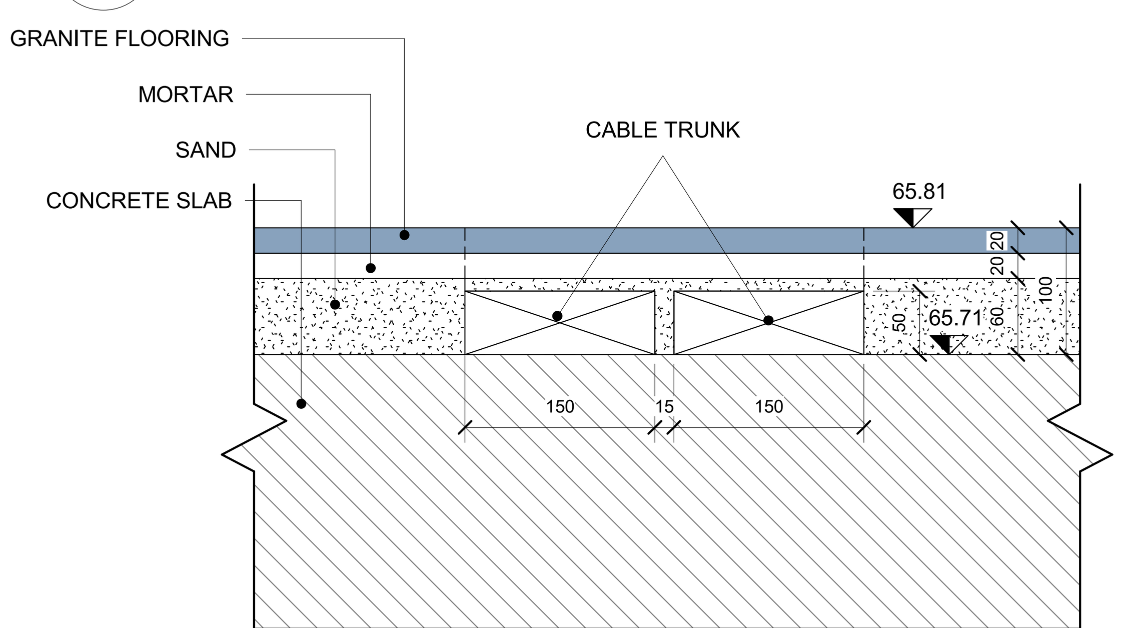
4 FARE GATE. PLAN VIEW
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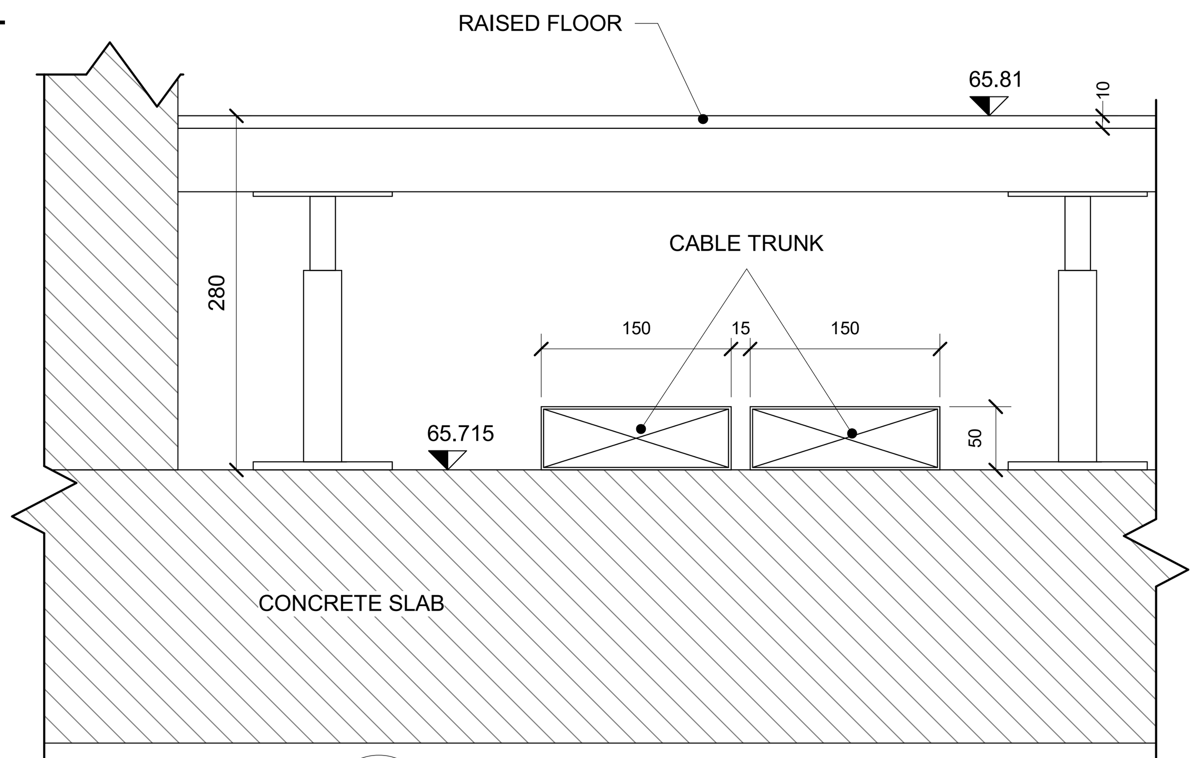
7 FIXED BARRIER
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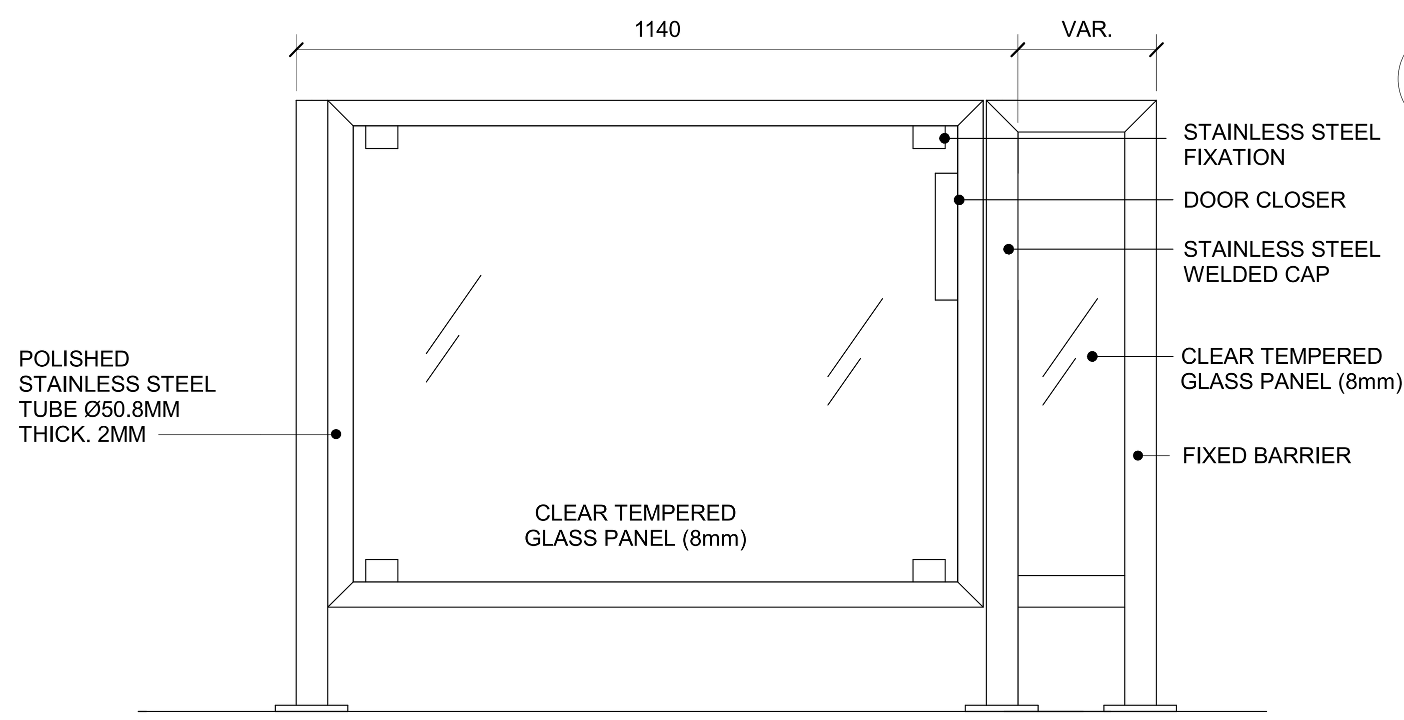
FLOOR MOUNTED POWER OUTLET
CABLE TRUNK



5 SECTION 1
SCALE 1 : 5



6 SECTION 2
SCALE 1 : 5



8 MANUAL GATE
SCALE 1 : 10

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- 93M-0540-SHK-000PW-DDG-31114
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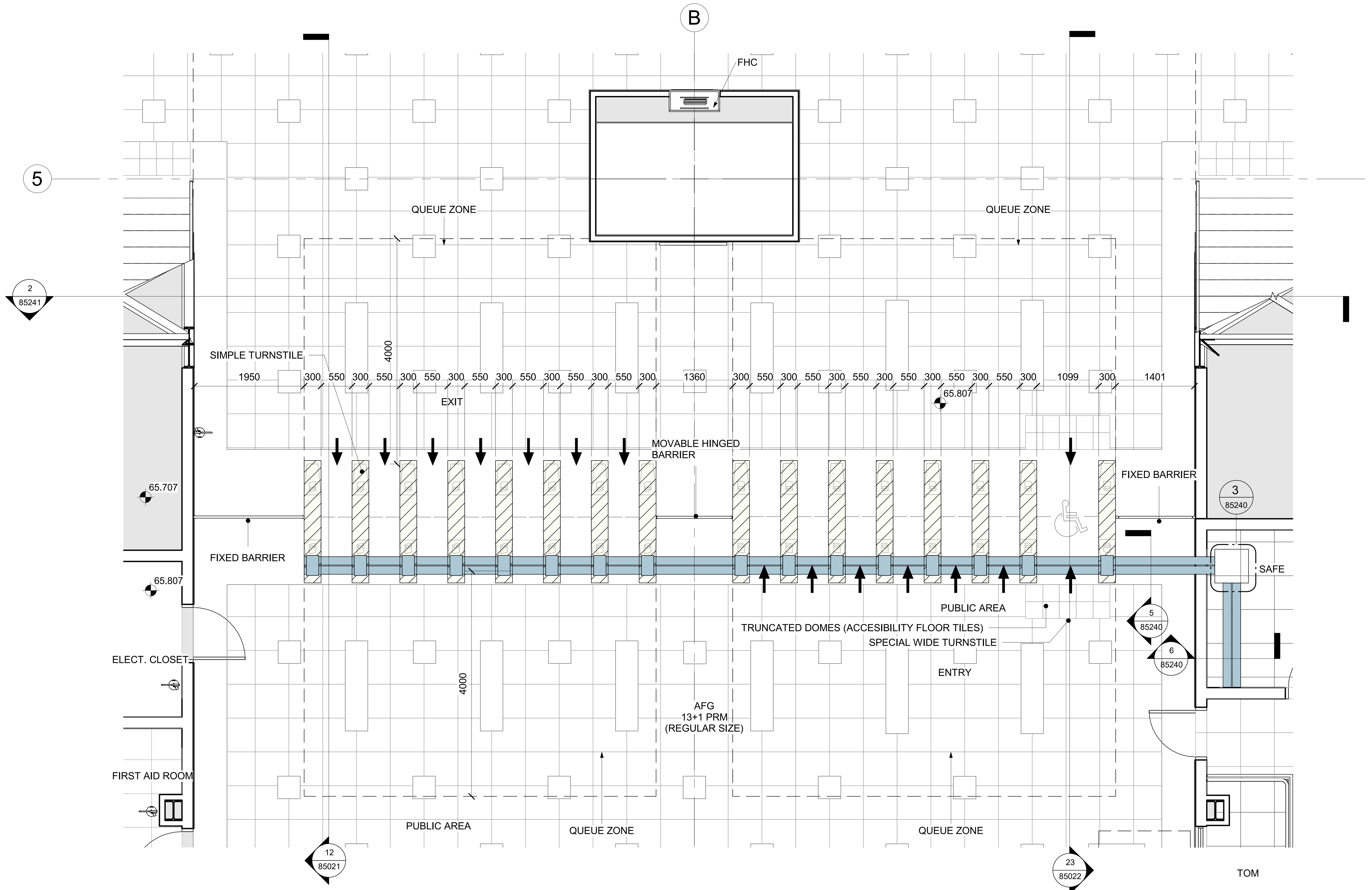
KEY PLAN :

ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

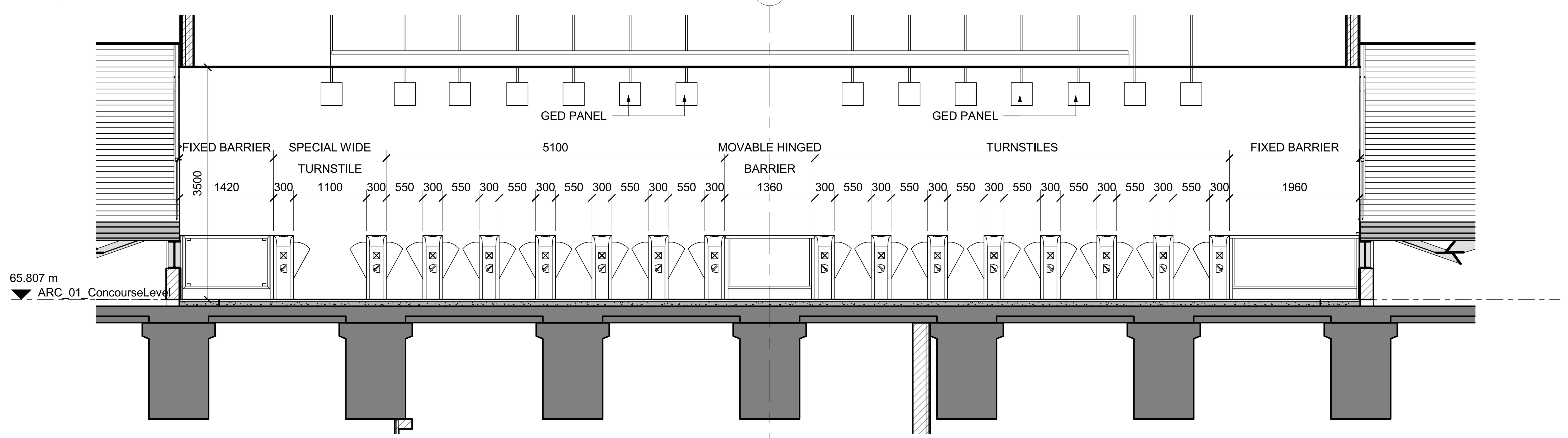
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.TURNSTILE DETAILS

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85240	A



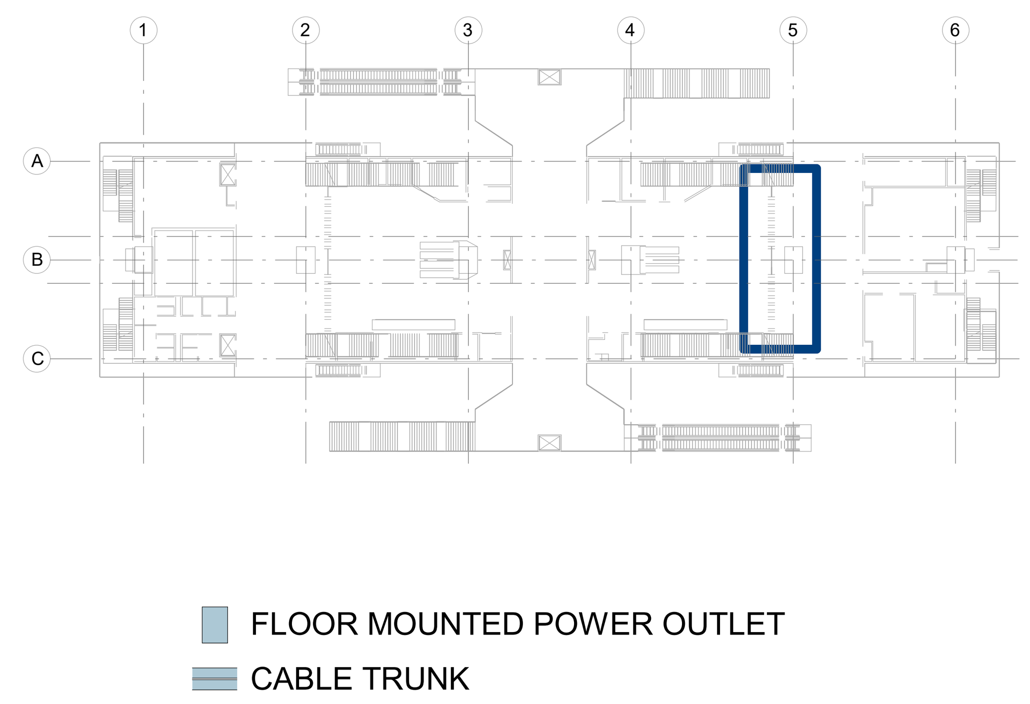
1 CONCOURSE LEVEL. TURNSTILES. PLAN VIEW

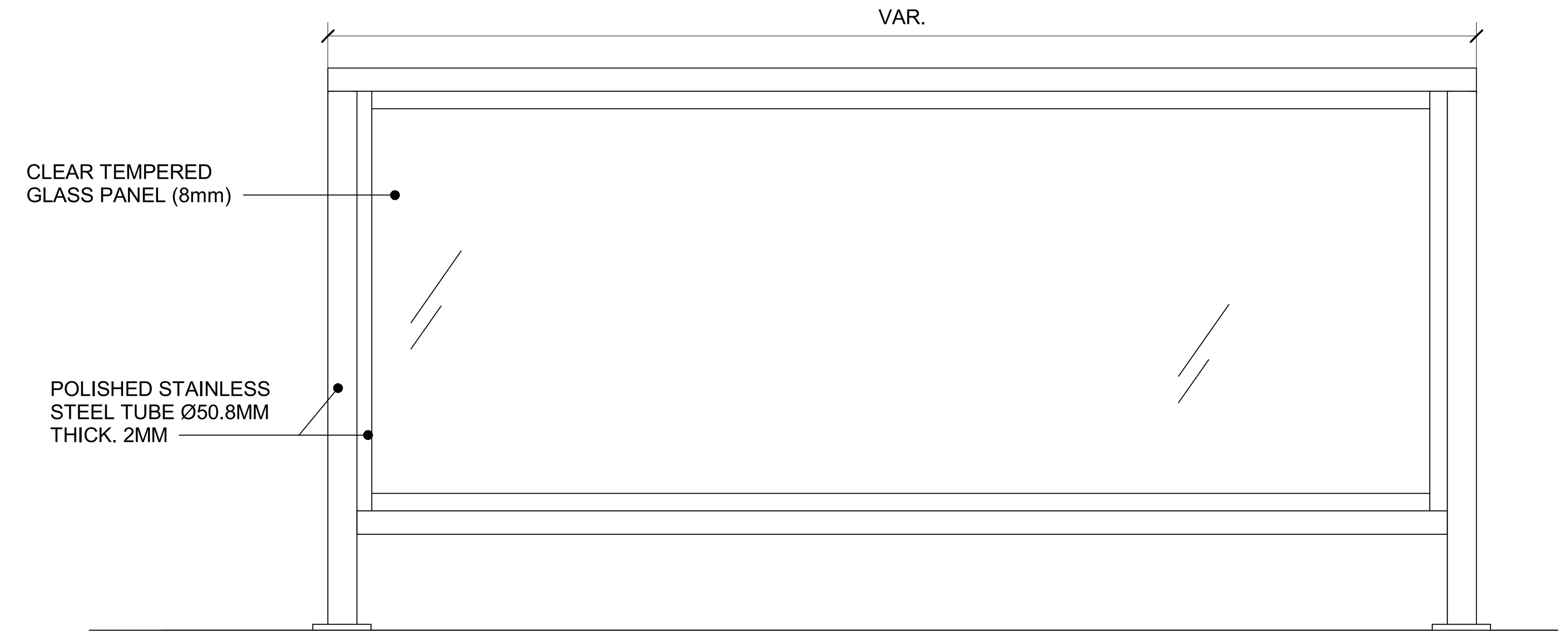
SCALE 1 : 50



2 SECTION

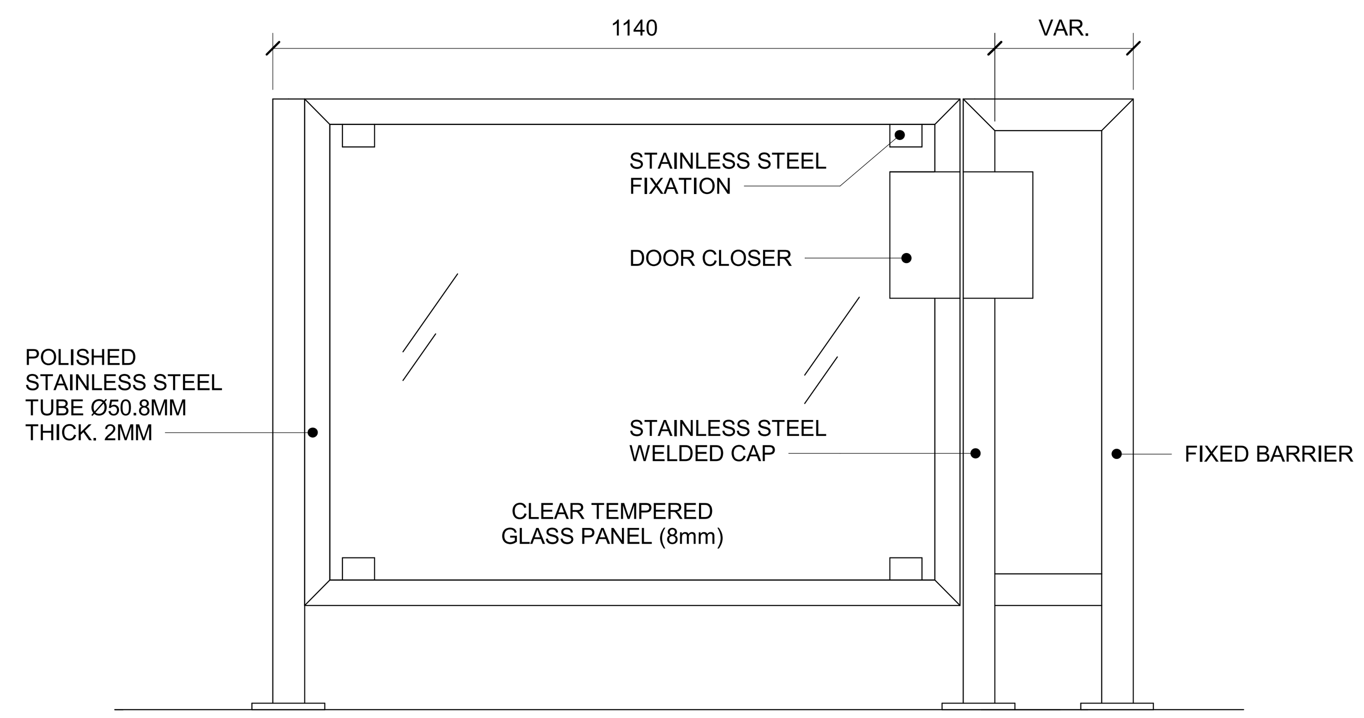
SCALE 1 : 50





3 FIXED BARRIER

SCALE 1 : 10



4 MOVABLE HINGED BARRIER

SCALE 1 : 10

NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant
ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor
SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

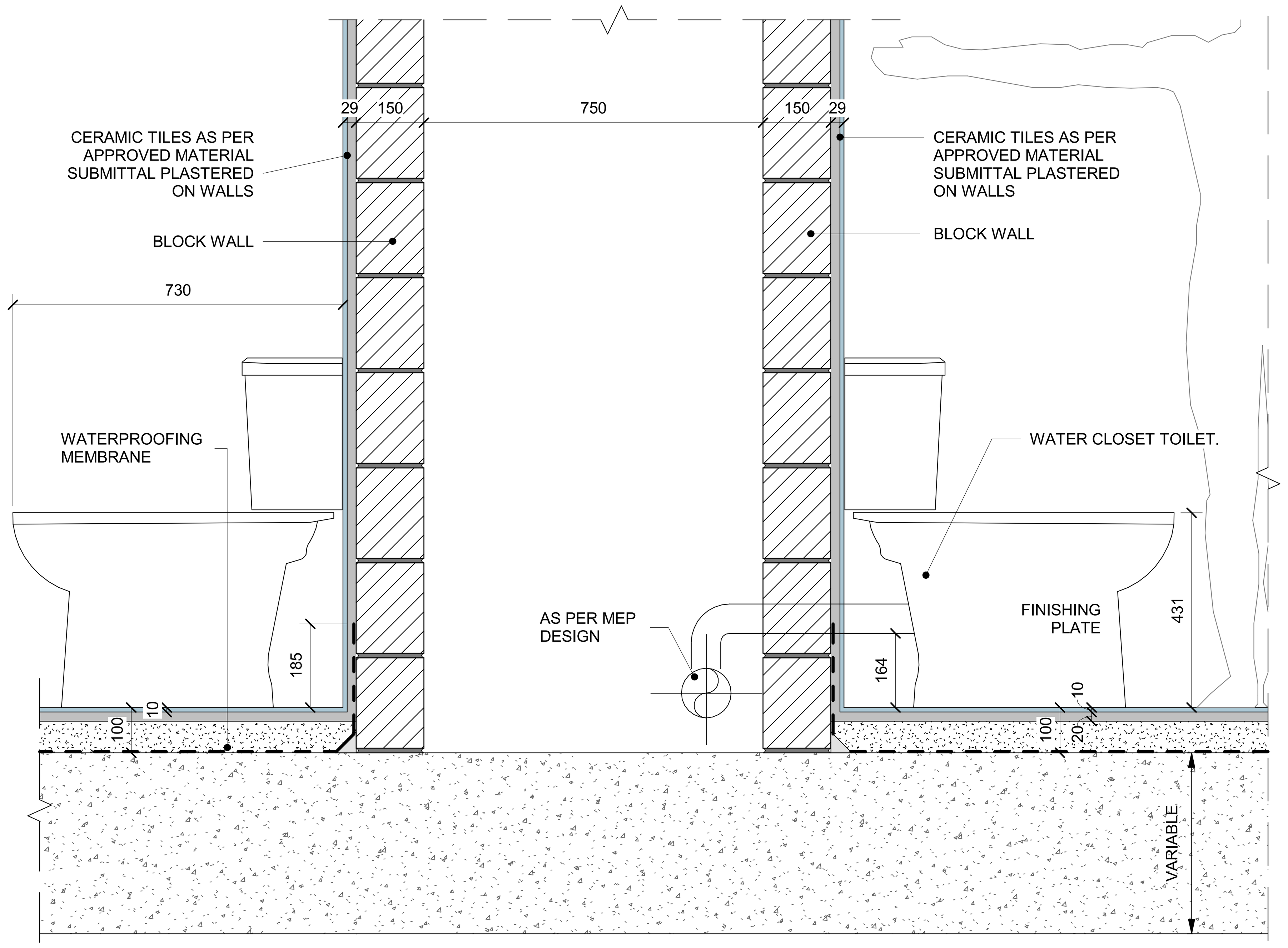
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DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.TURNSTILE DETAILS

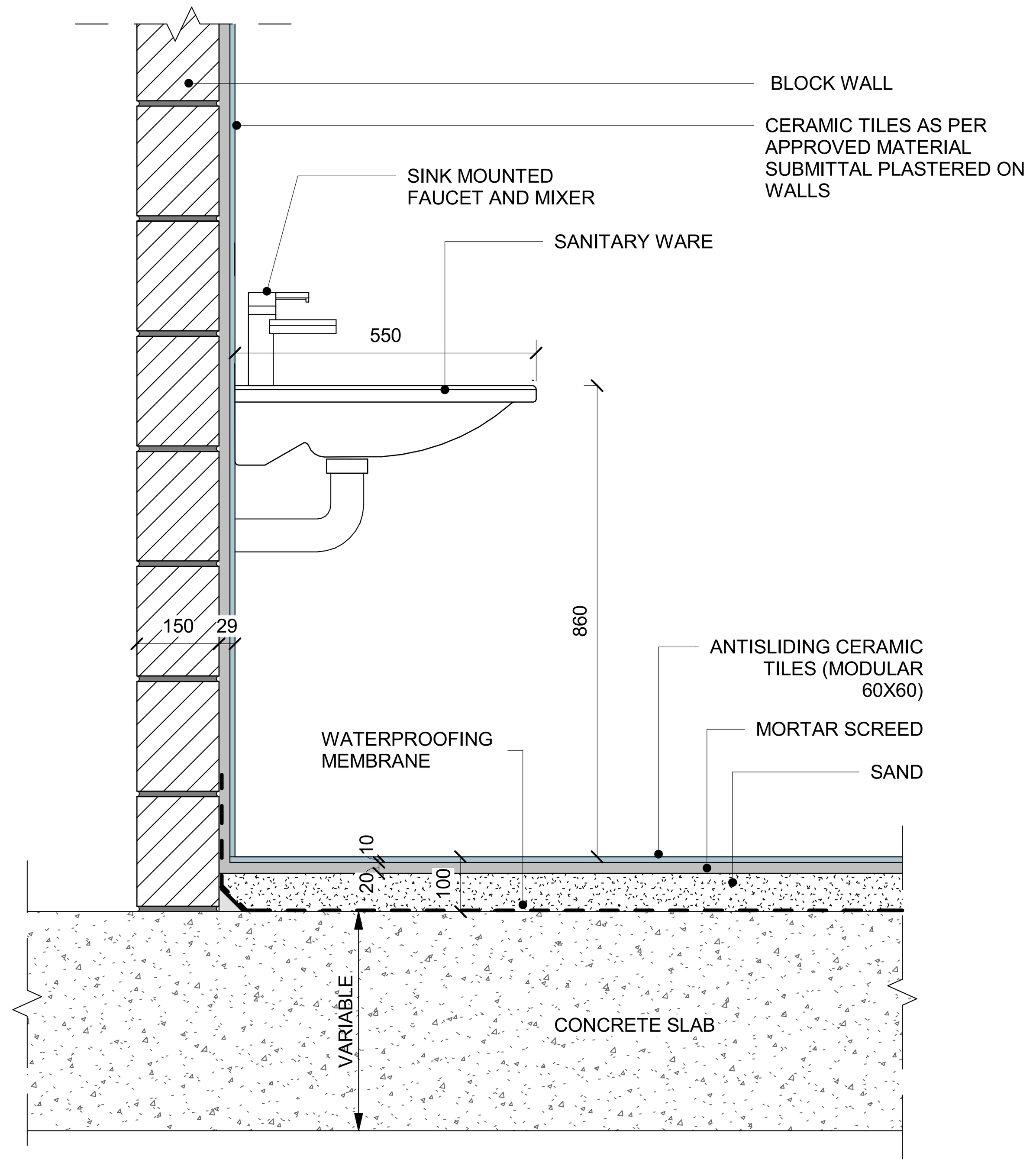
Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85241	A



1 WC TOILET SIDE VIEW (MAINTENANCE ACCESS)

SCALE 1 : 10



2 SUSPENDED LAVATORY. SIDE VIEW

SCALE 1 : 10

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BOMBARDIER
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SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

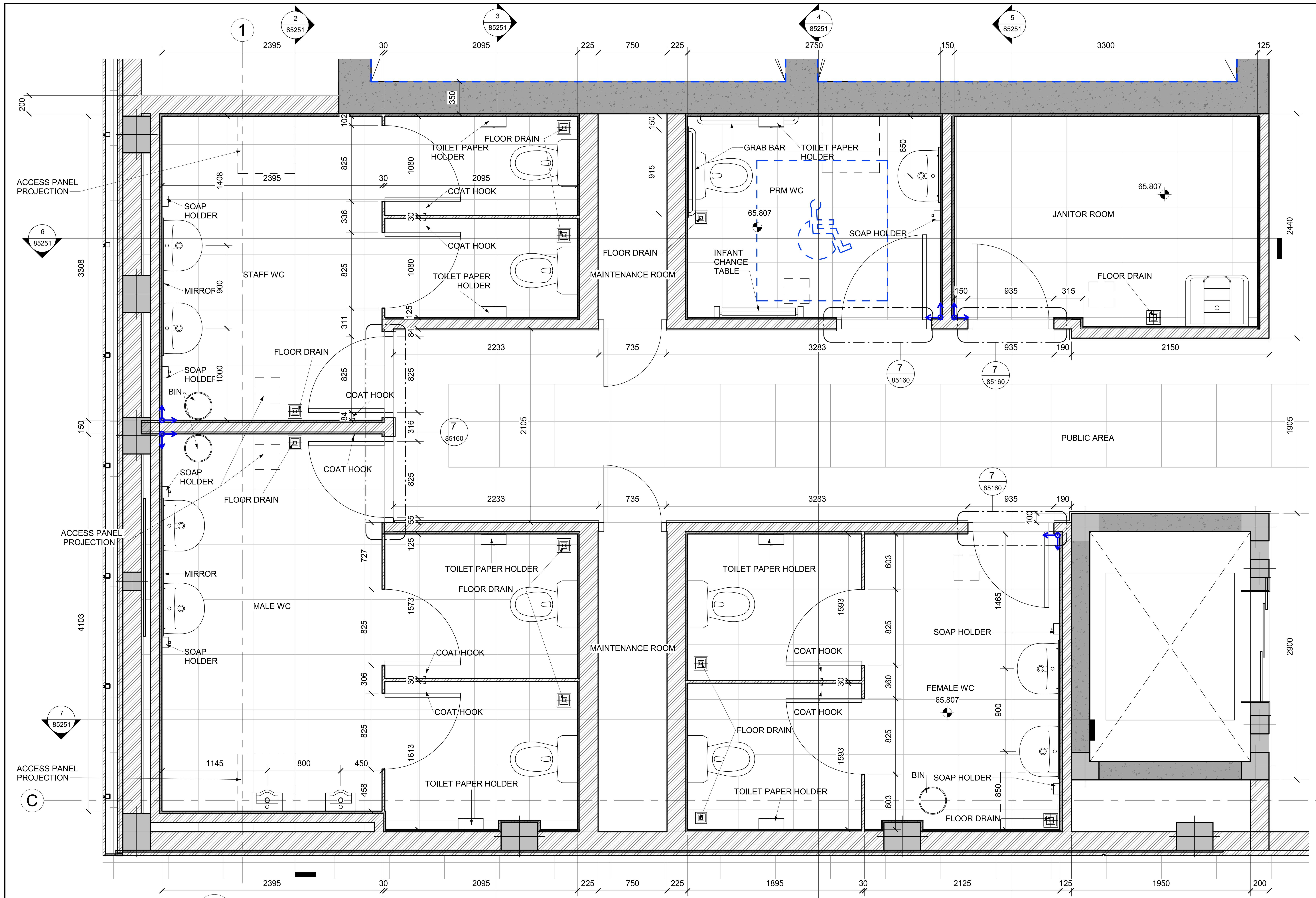
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SCALE : 1 : 10
PURPOSE OF ISSUE : FOR APPROVAL

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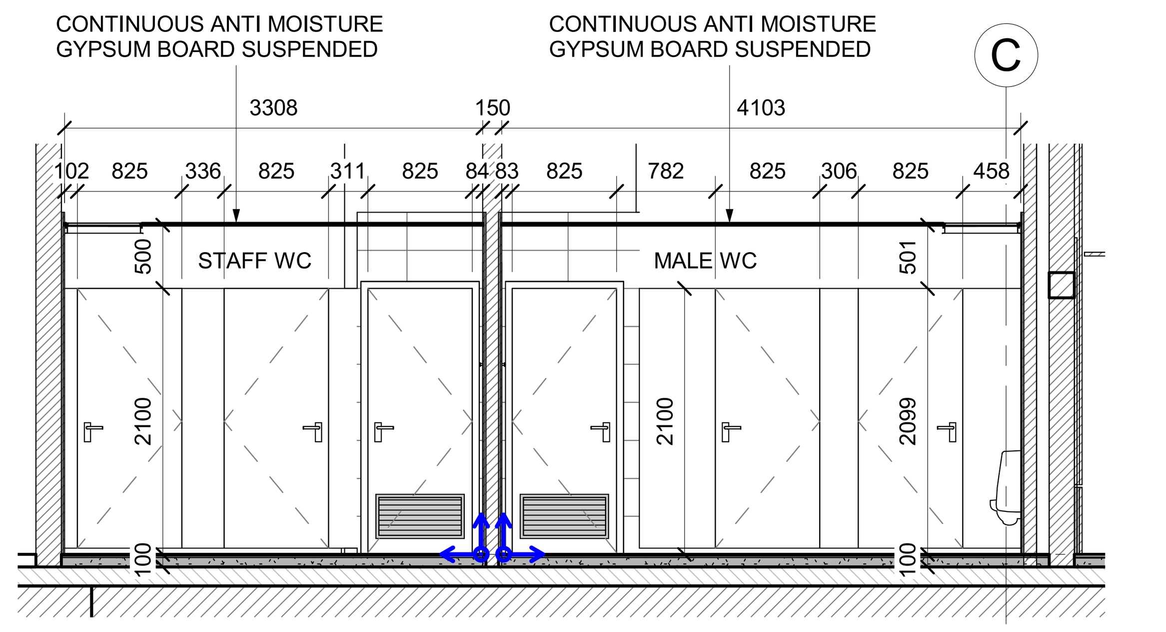
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DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.TOILET AREA DETAILS

Page: 1 of 1

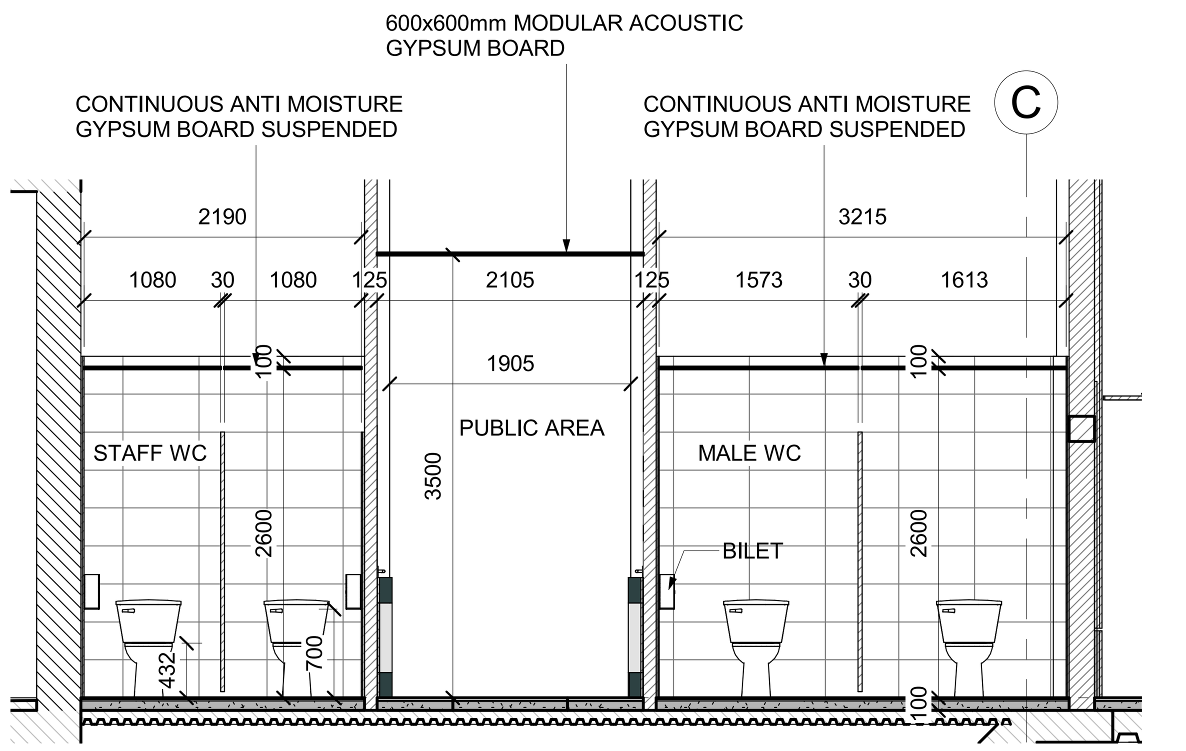
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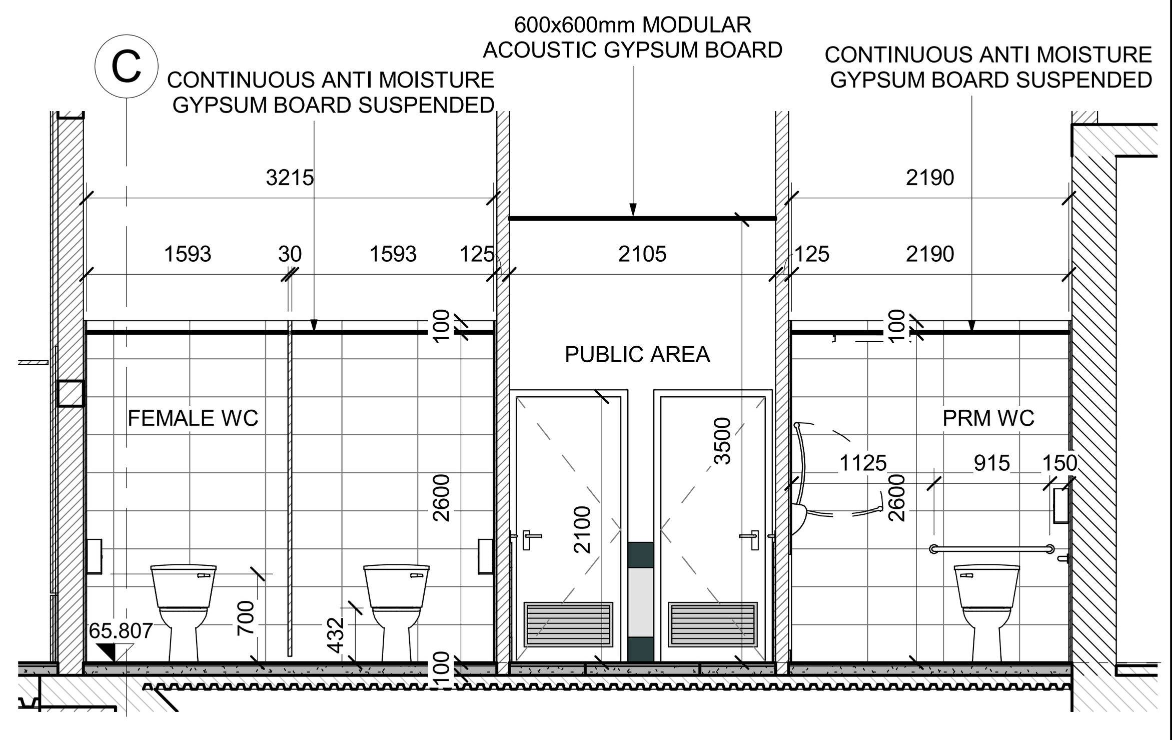
1 WC PLAN
SCALE 1 : 25



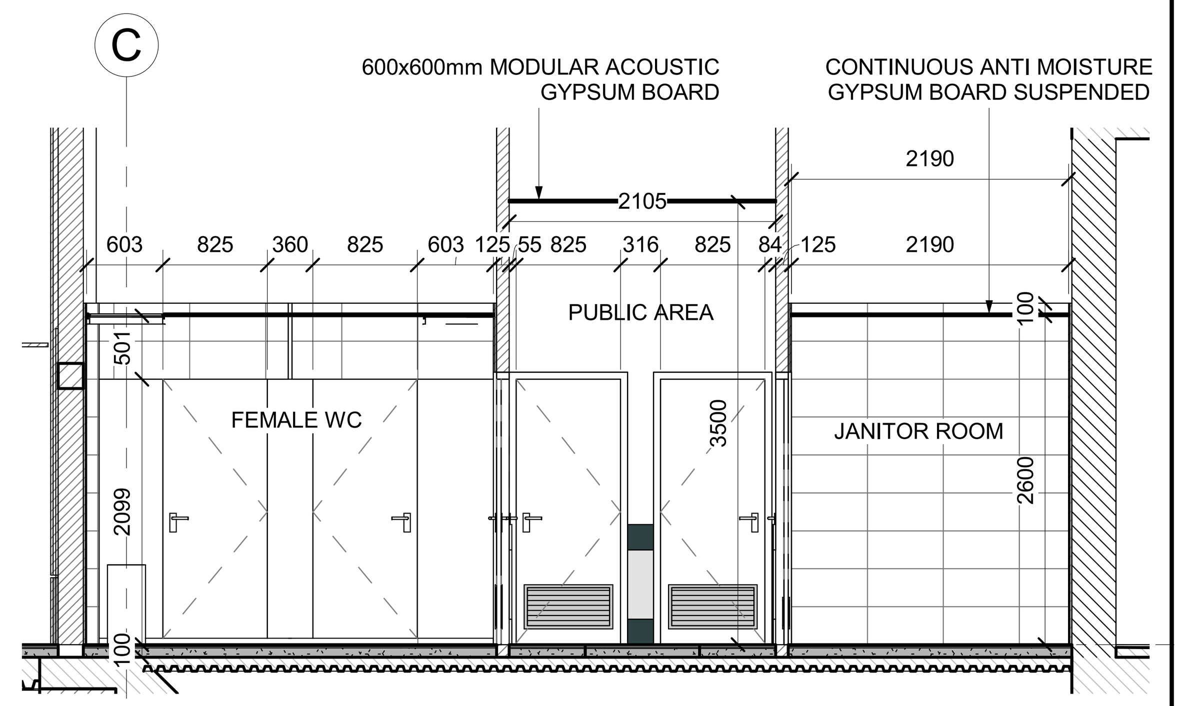
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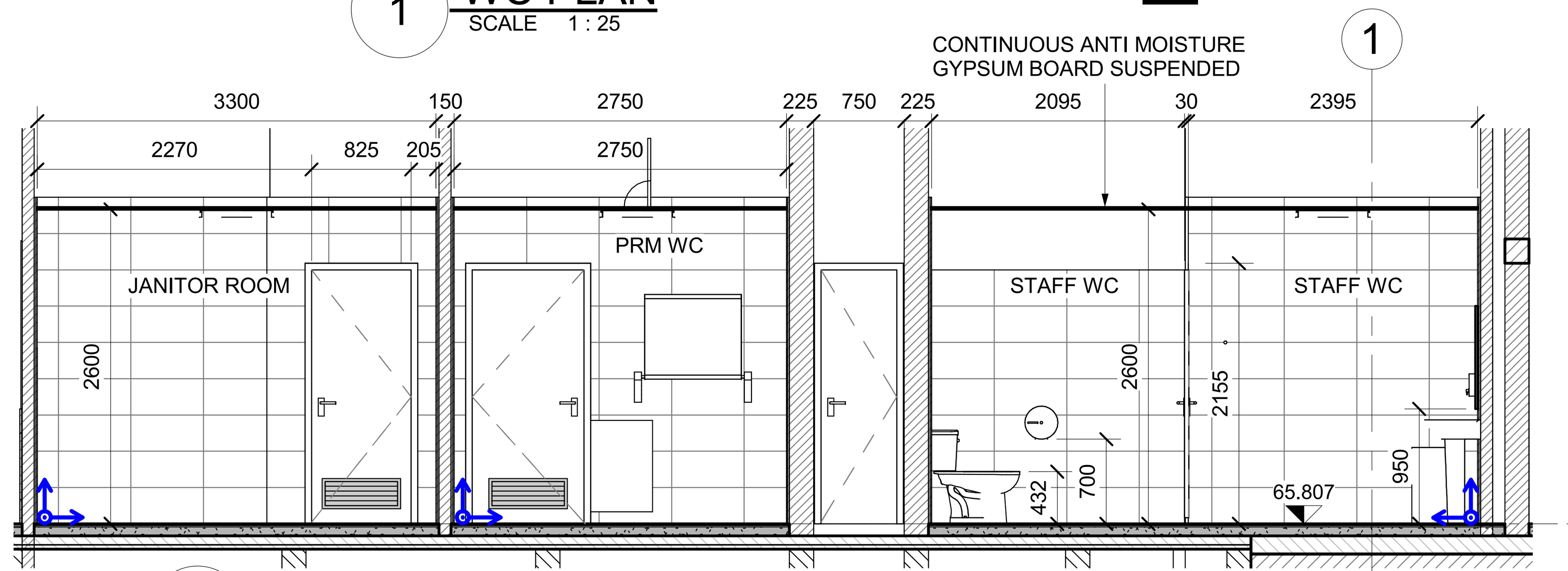
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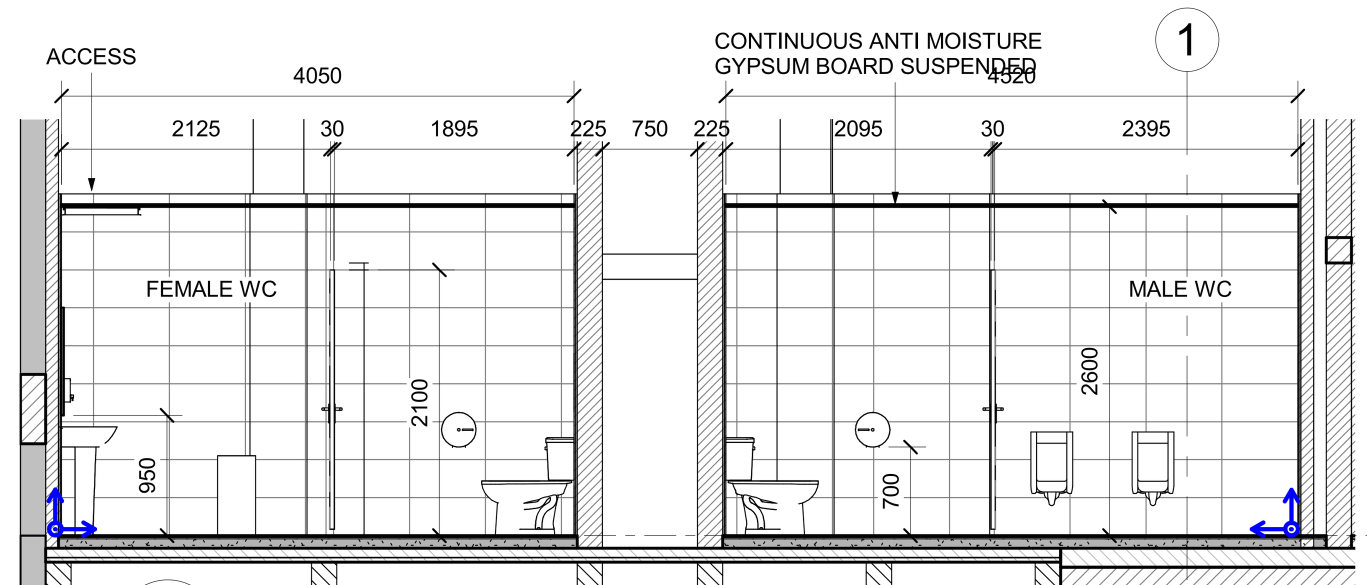
4 SECTION
SCALE 1 : 50



5 SECTION
SCALE 1 : 50



6 SECTION
SCALE 1 : 50



7 SECTION
SCALE 1 : 50

CEILING/FLOORING

- S.O.P (STARTING OFF POINT)
- CEILING HEIGHT CHANGE

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2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

The Authority — Hill International, Authority Consultant — ORASCOM CONSTRUCTION, The Arab Contractors, BOMBARDIER: Main Contractor — SENER, SHAKER CONSULTANCY GROUP: Designer

KEY PLAN :

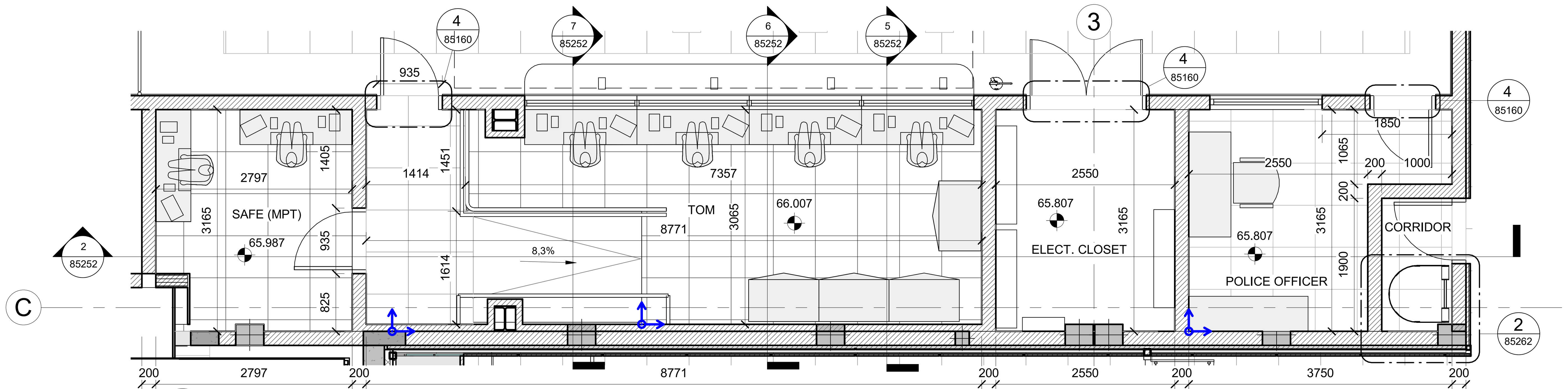
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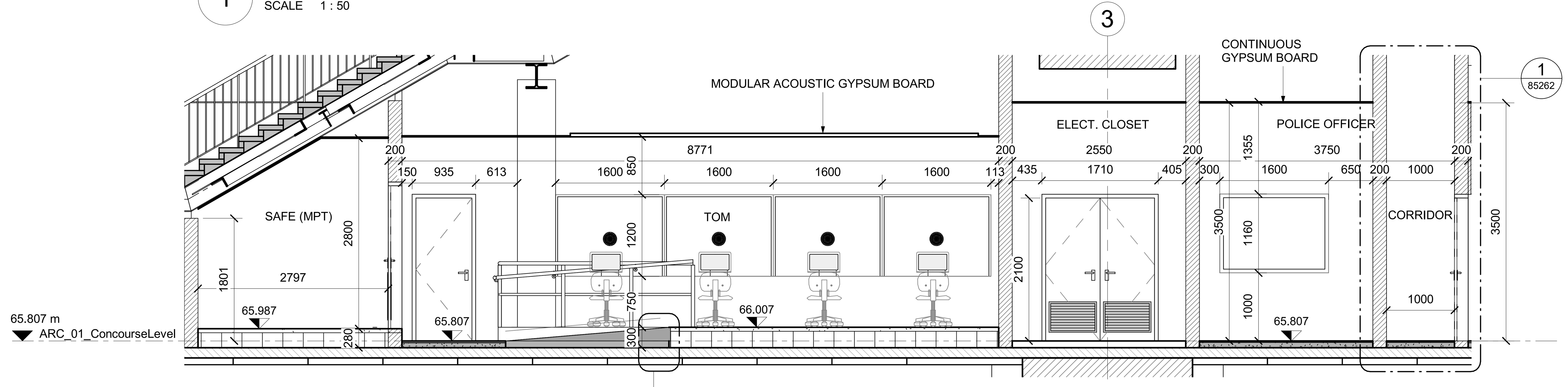
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Page: 1 of 1

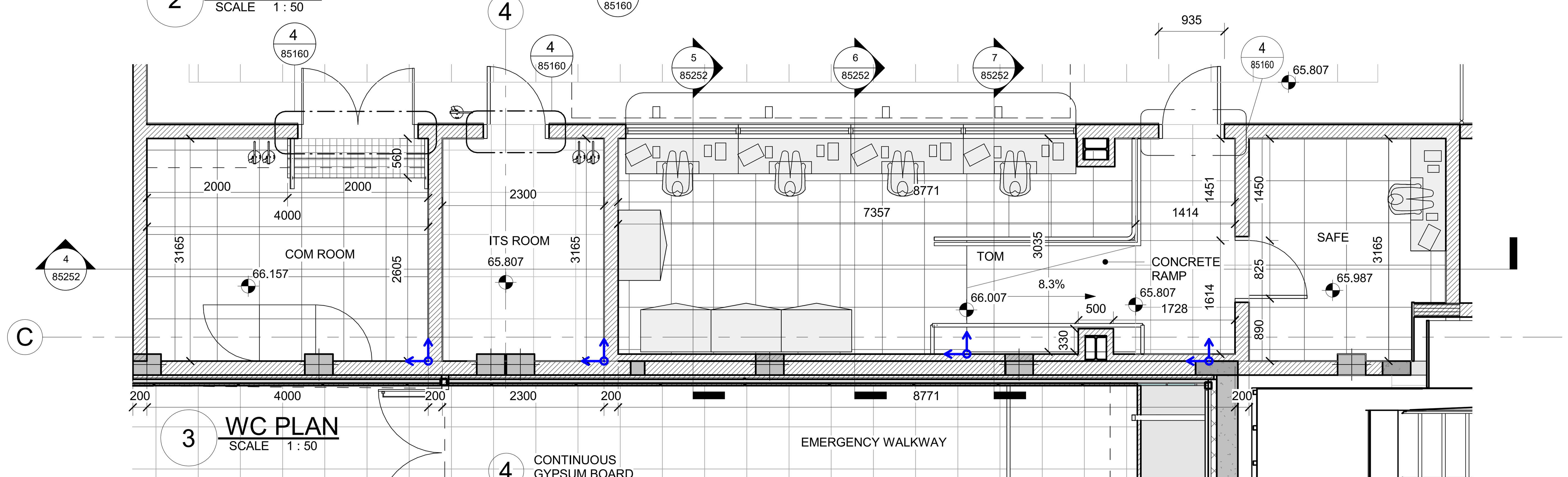
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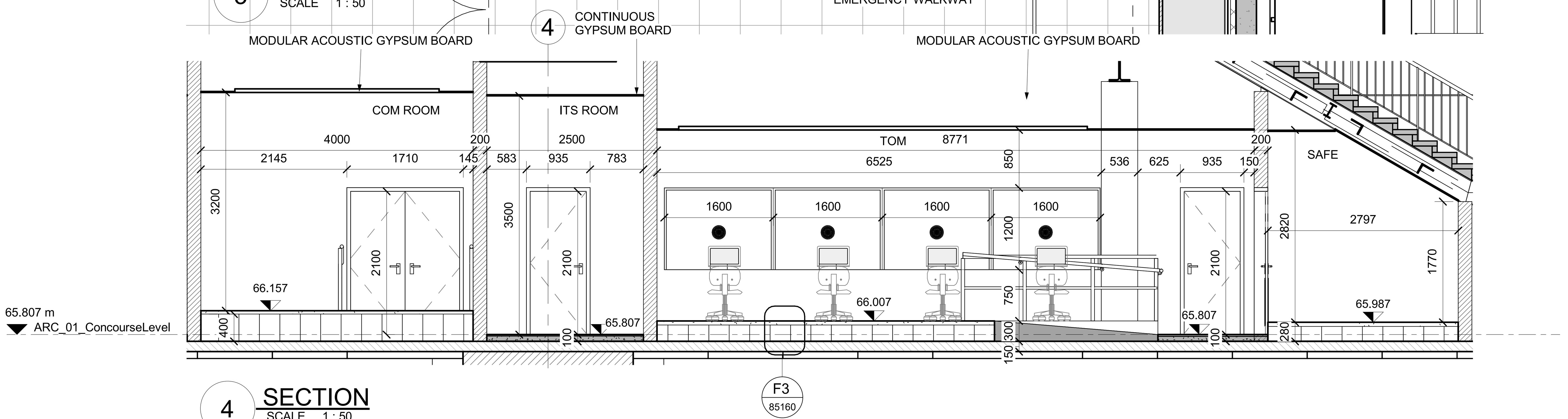
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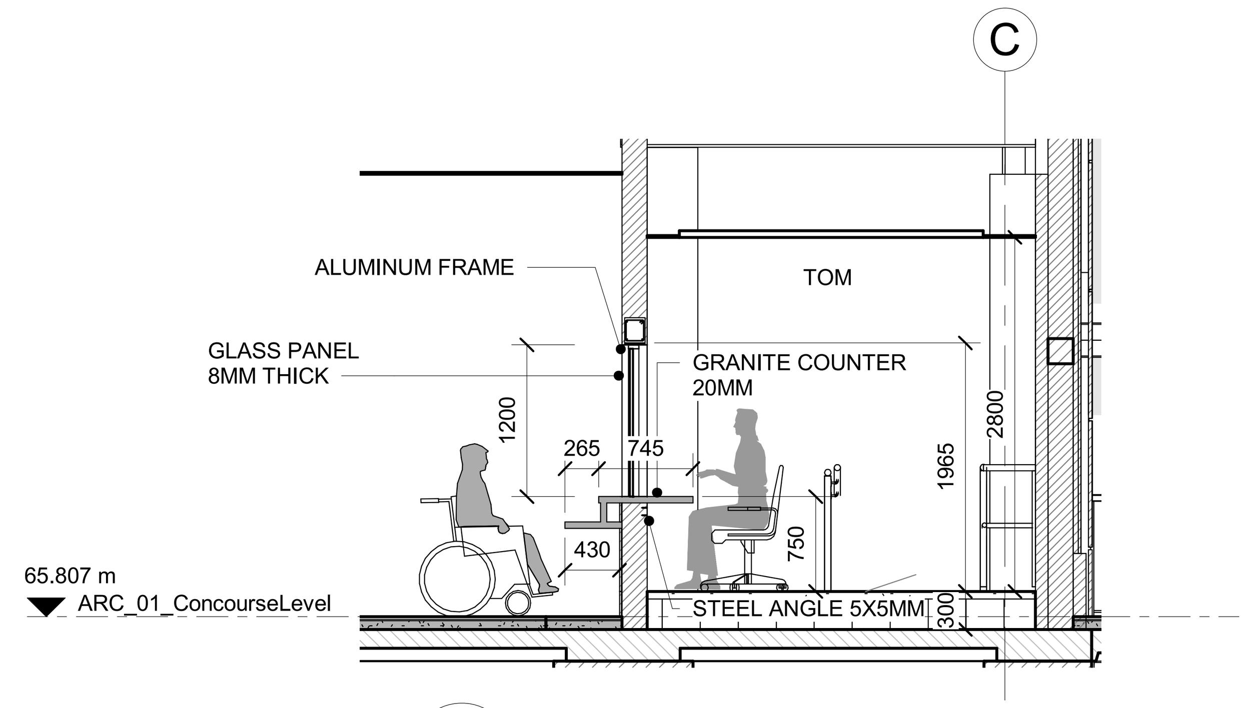
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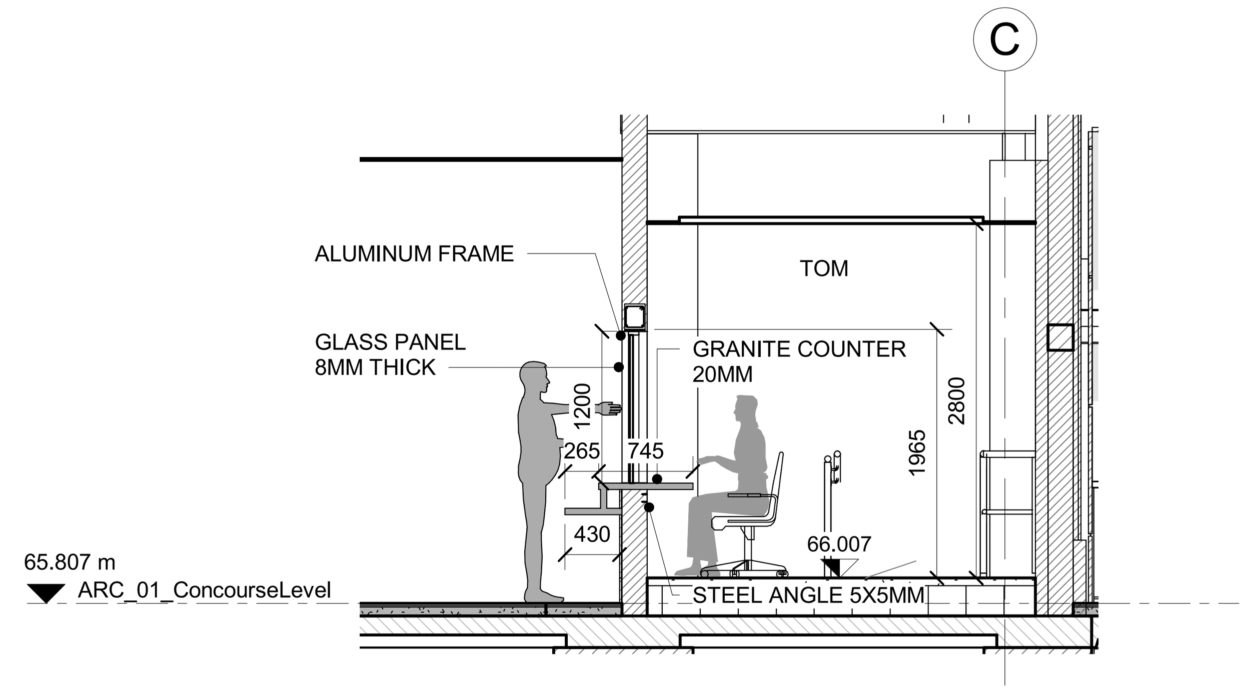
3 WC PLAN
SCALE 1 : 50



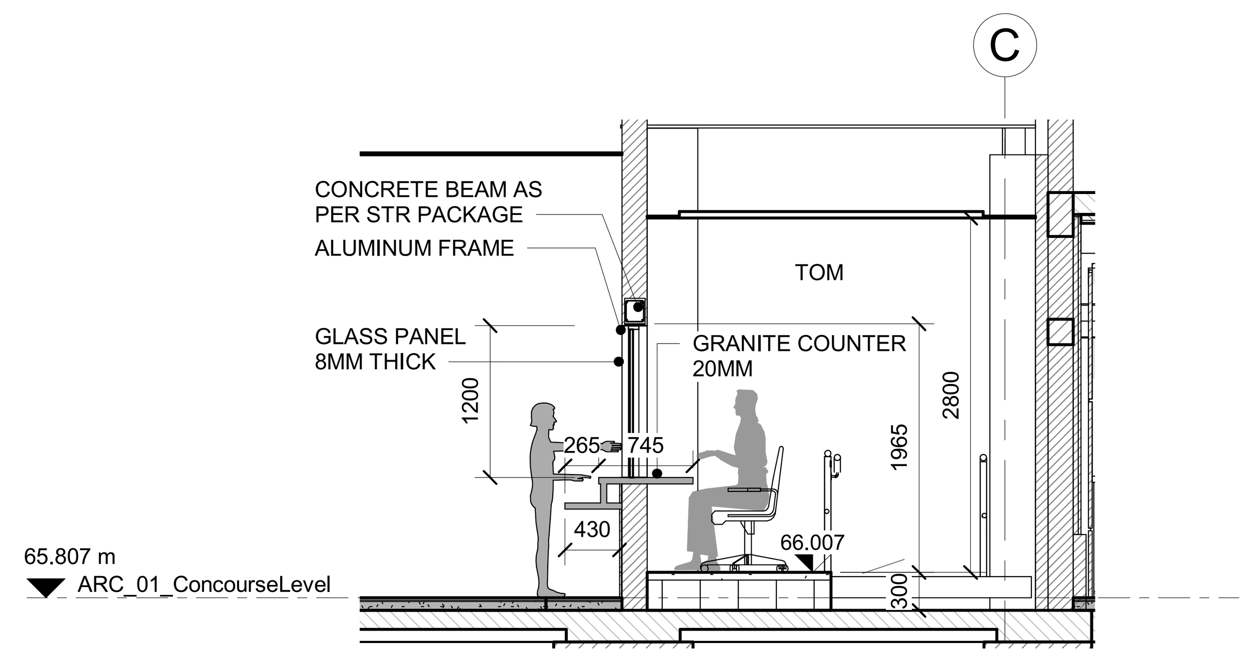
4 SECTION
SCALE 1 : 50



5 SECTION
SCALE 1 : 50



6 SECTION
SCALE 1 : 50



7 SECTION
SCALE 1 : 50

CEILING/FLOORING

- S.O.P (STARTING OFF POINT)
- CEILING HEIGHT CHANGE

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FURNITURE FOR REFERENCE ONLY

REFERENCE DRAWINGS :

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SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

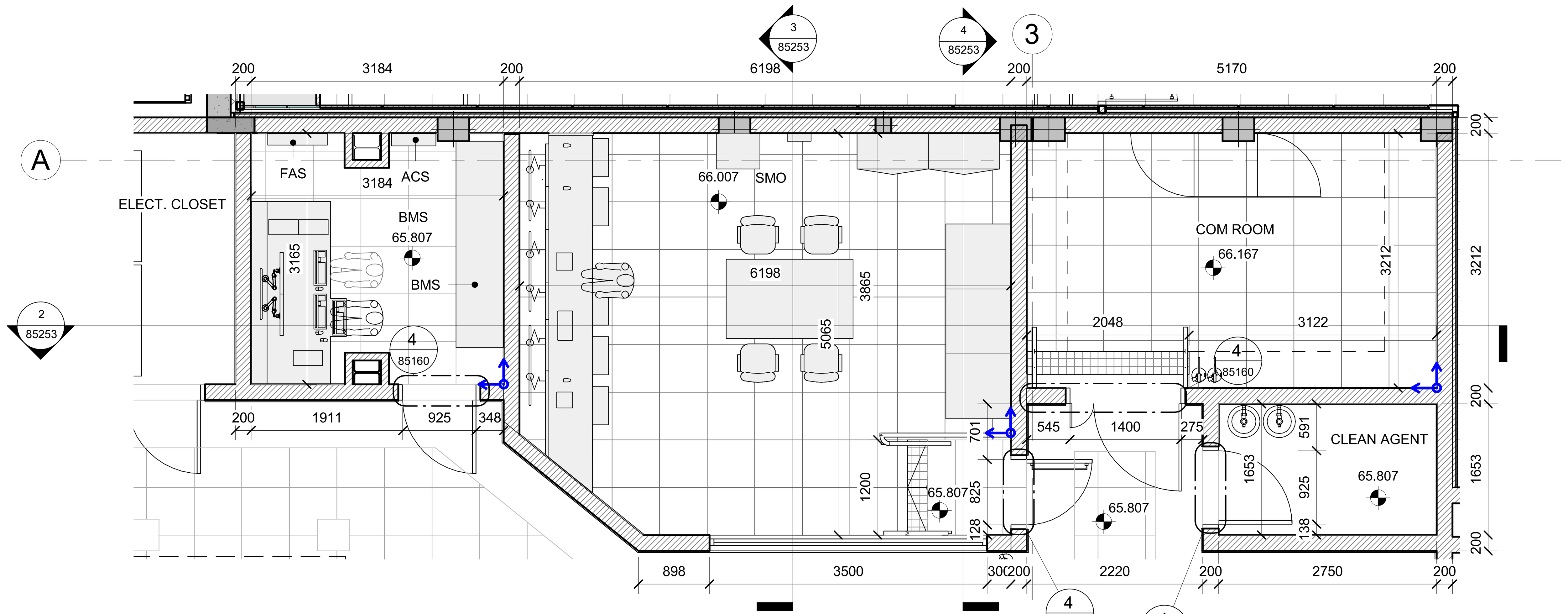
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PURPOSE OF ISSUE : FOR APPROVAL

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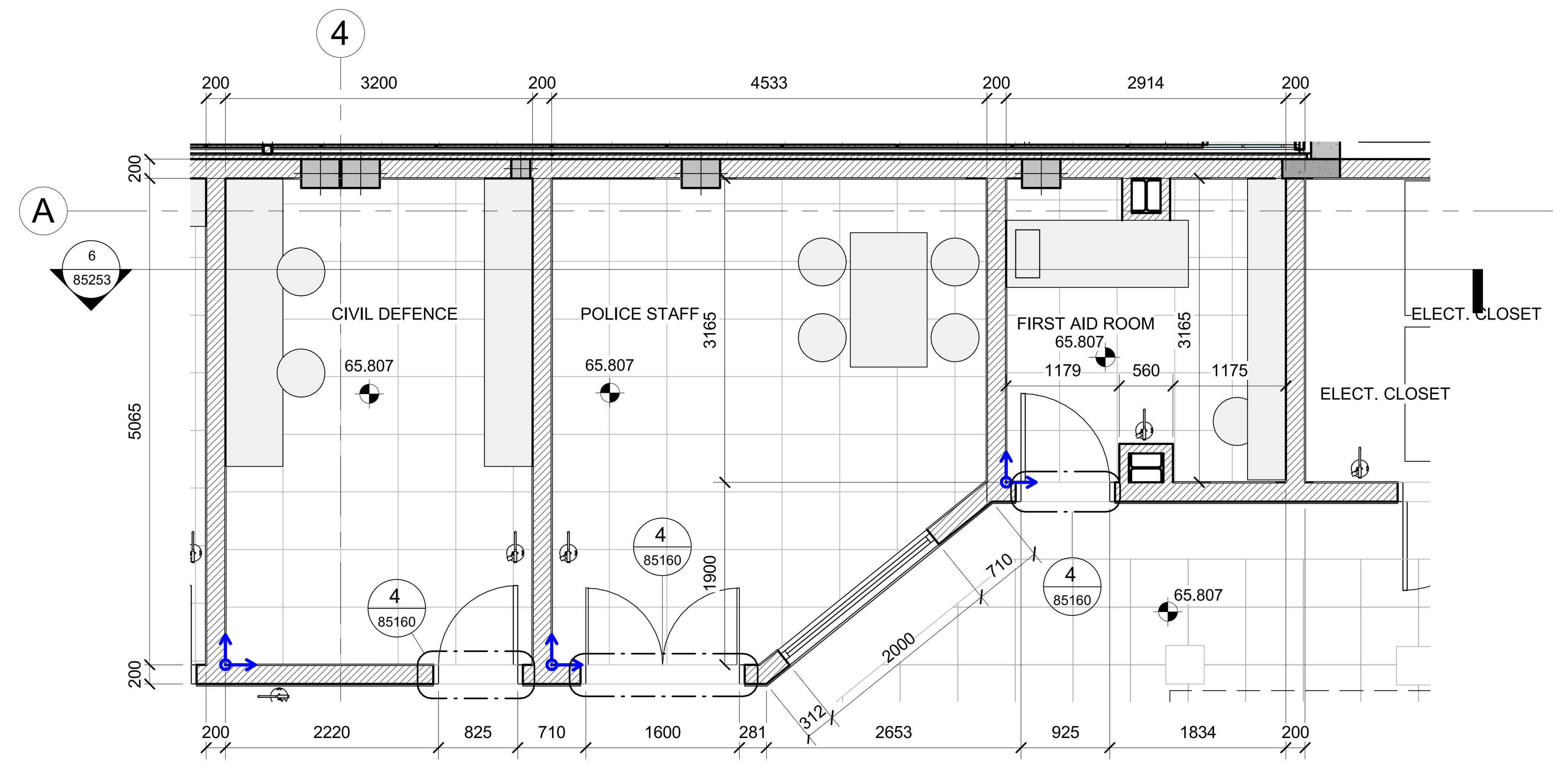
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DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.TOM BLOW UP DETAILS

Page: 1 of 1

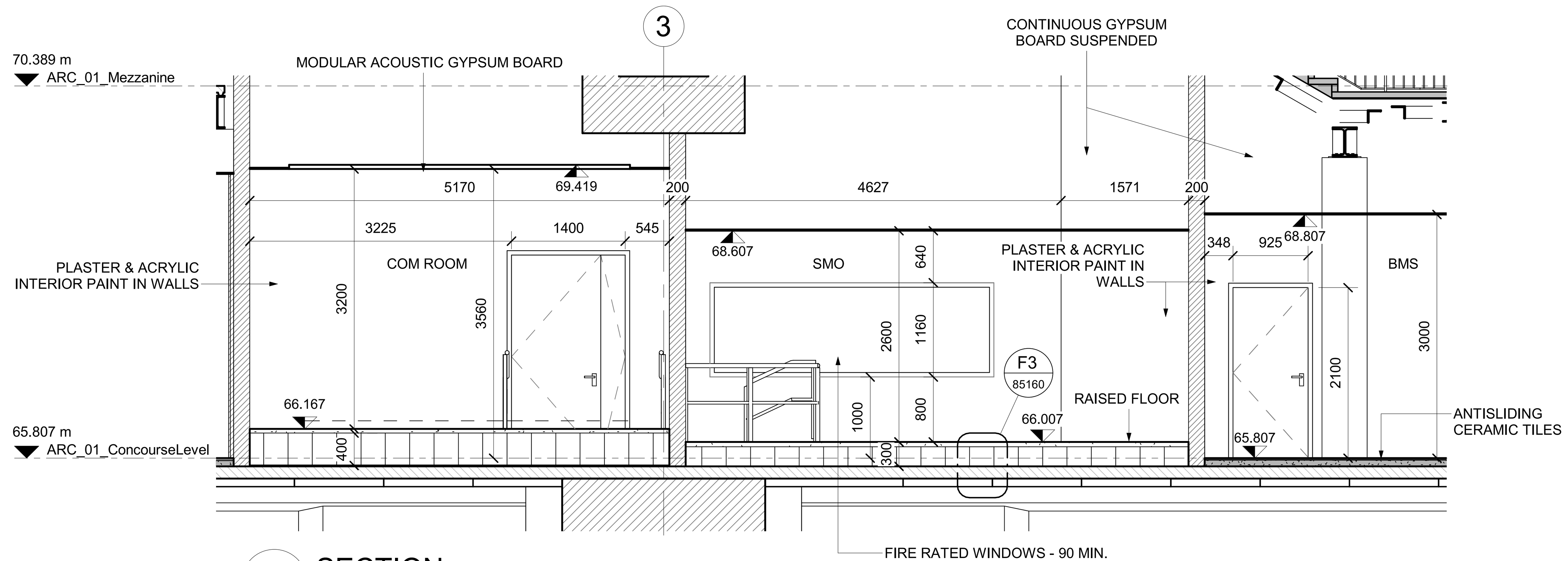
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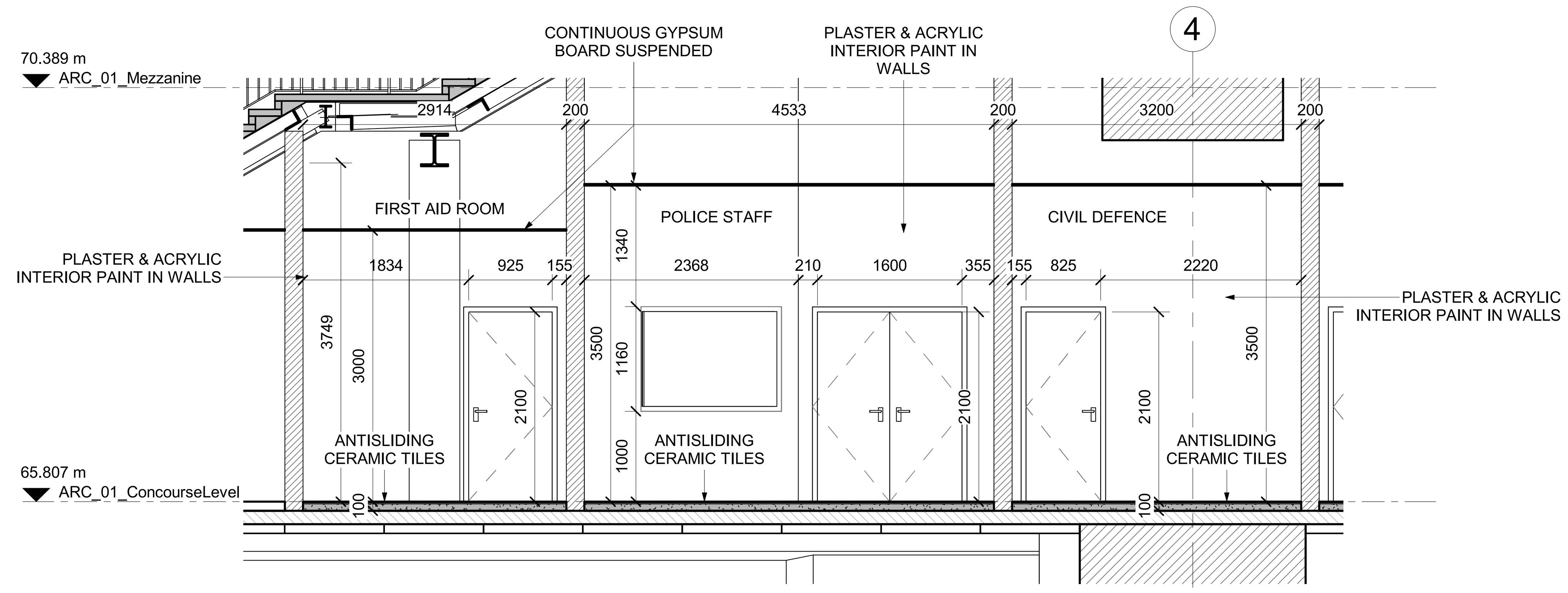
1 **BMS+SMO PLAN**
SCALE 1 : 50



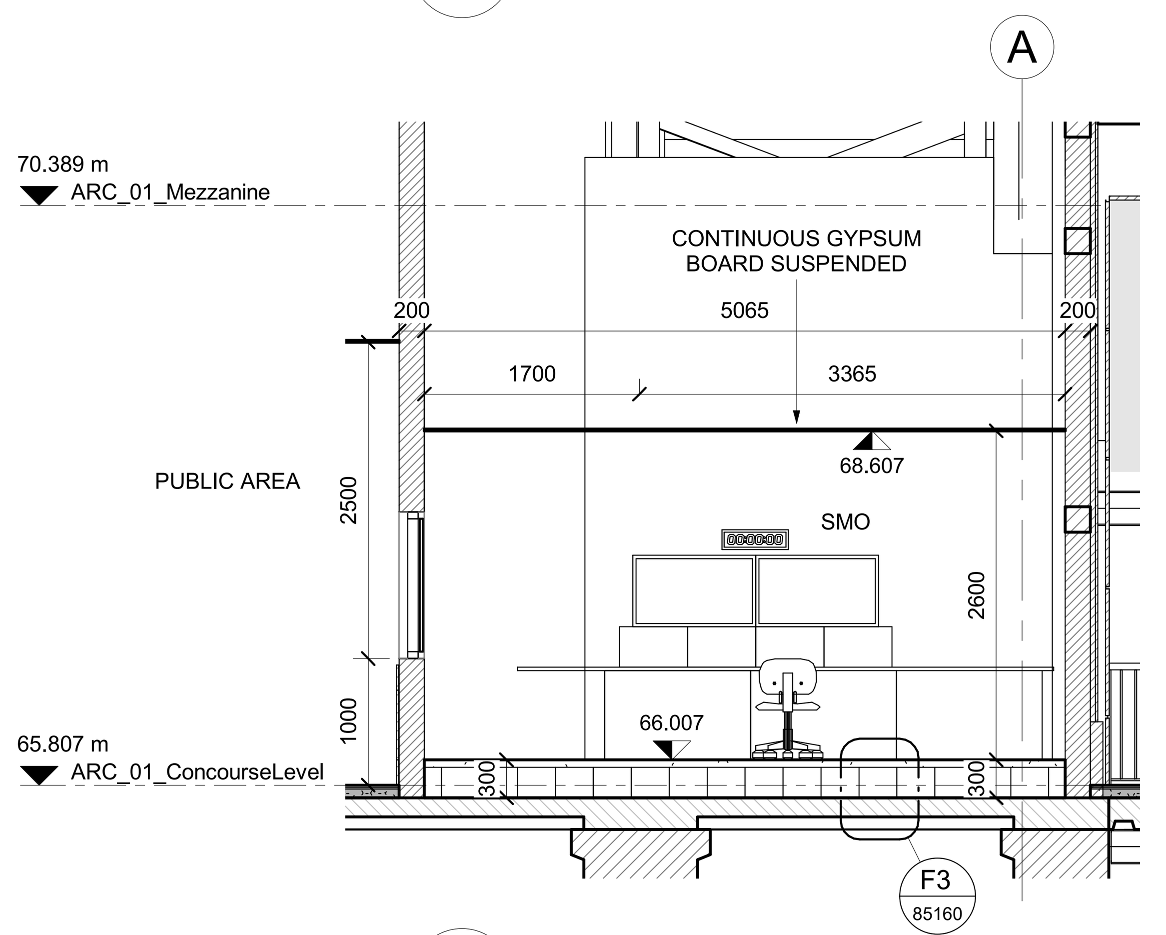
5 **CIVIL DEFENCE PLAN**
SCALE 1 : 50



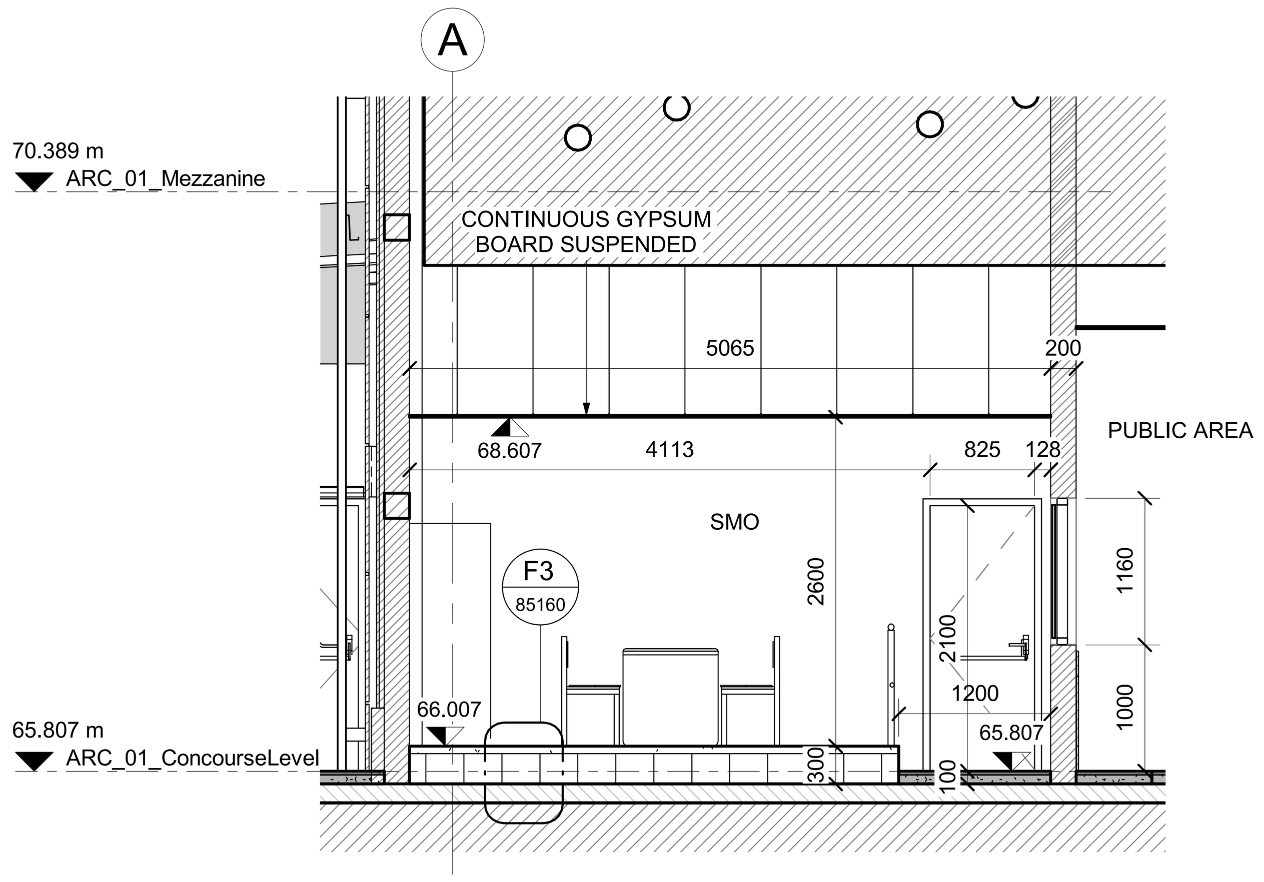
2 **SECTION**
SCALE 1 : 50



6 **SECTION**
SCALE 1 : 50



3 **SECTION**
SCALE 1 : 50



4 **SECTION**
SCALE 1 : 50

CEILING/FLOORING

S.O.P (STARTING OFF POINT)

CEILING HEIGHT CHANGE

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Designer

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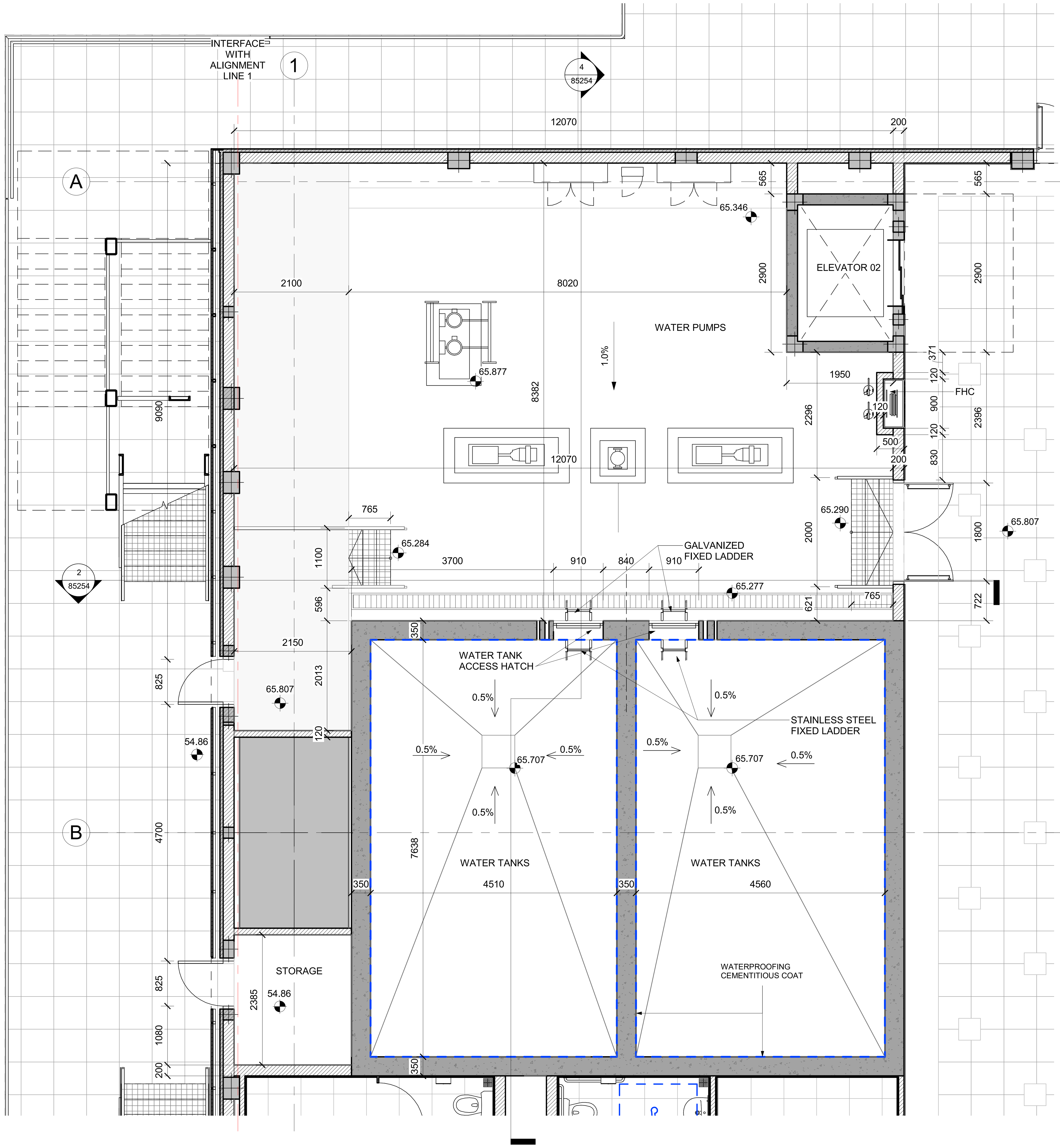
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DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.SMO BLOW UP DETAILS

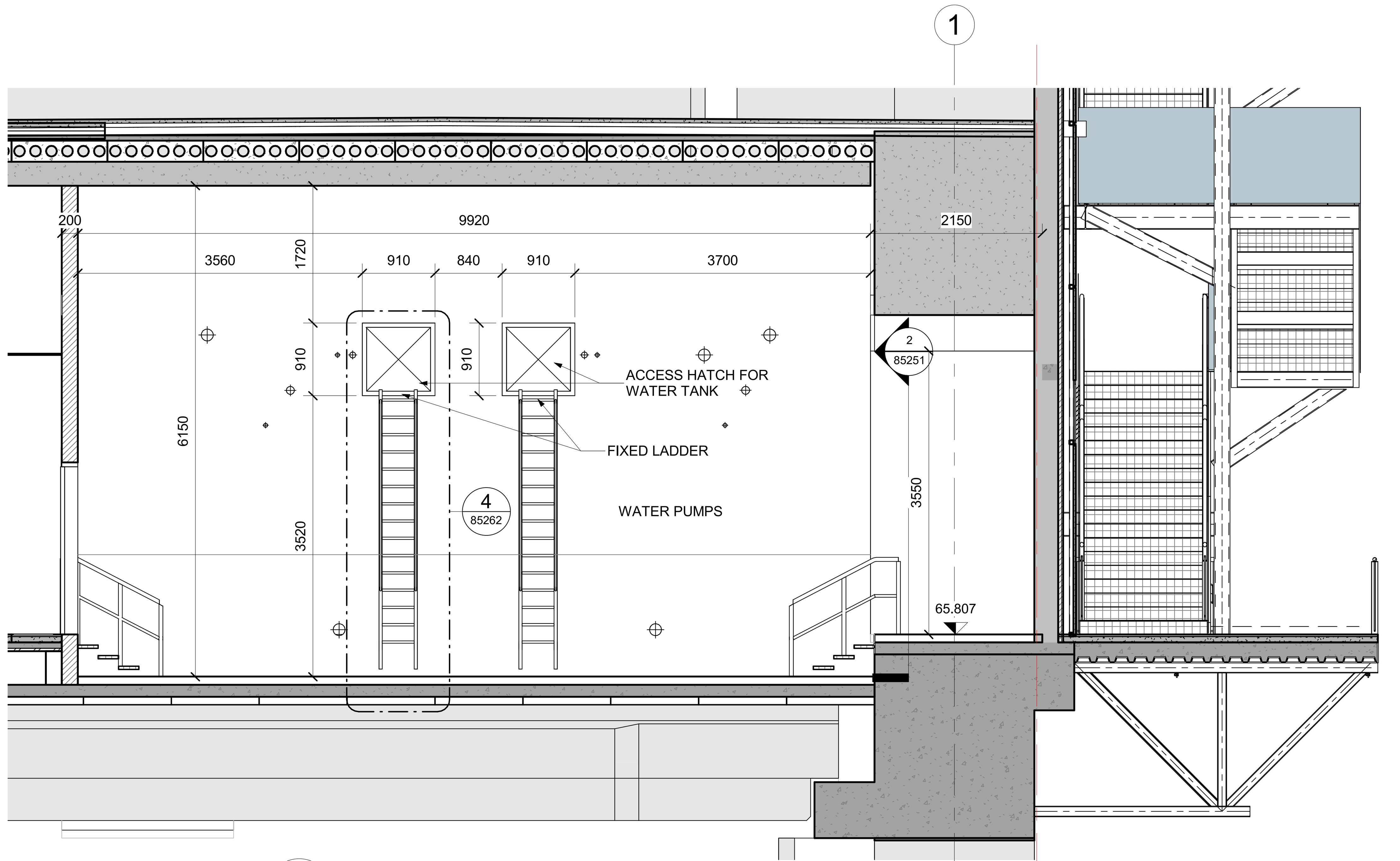
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Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
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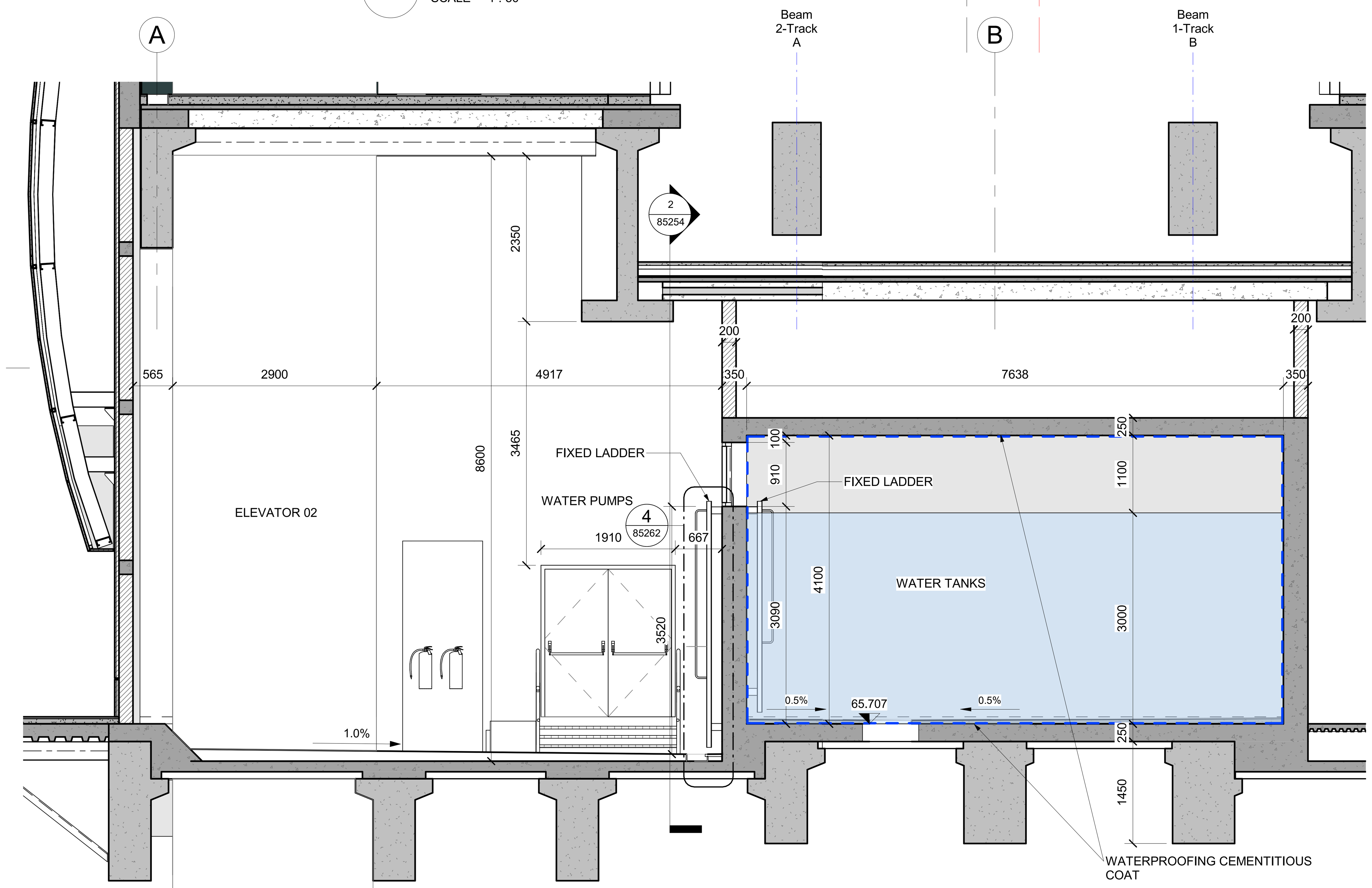


1 PUMP ROOM PLAN
SCALE 1 : 50

LADDER IN PUMP ROOM SIDE TO BE EXECUTED IN GALVANIZED FINISH. LADDER INSIDE OF WATER TANK TO BE EXECUTED IN STAINLESS STEEL FINISH.



2 PUMP ROOM SECTION
SCALE 1 : 50



4 PUMP ROOM & WATER TANK SECTION
SCALE 1 : 50

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DRAWINGS TO BE ANALYZED IN CONJUNCTION WITH DOCUMENT NUMBER:
- 93M-0403-SEN-000PW-END-53398
- 93M-0404-SEN-000PW-END-53360 TO 93M-0404-SEN-000PW-END-53366
- 93M-0407-SEN-000PW-END-53726

REFERENCE DRAWINGS :

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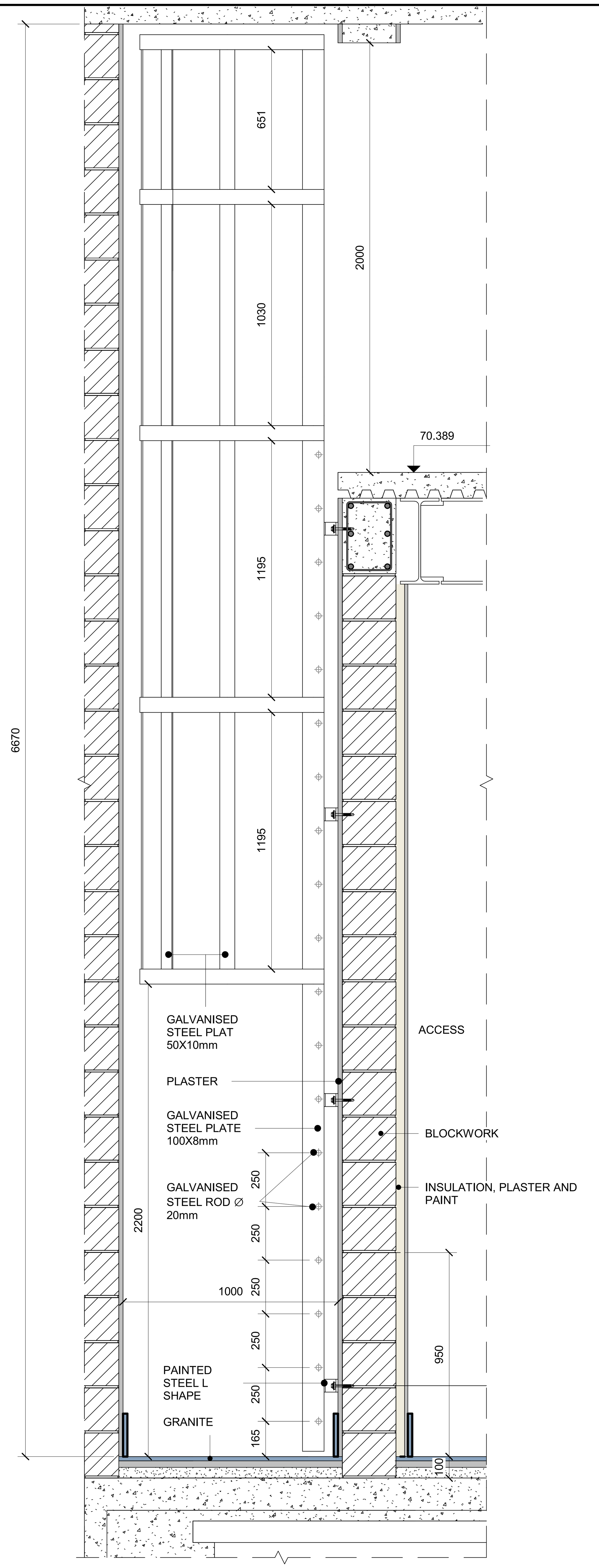
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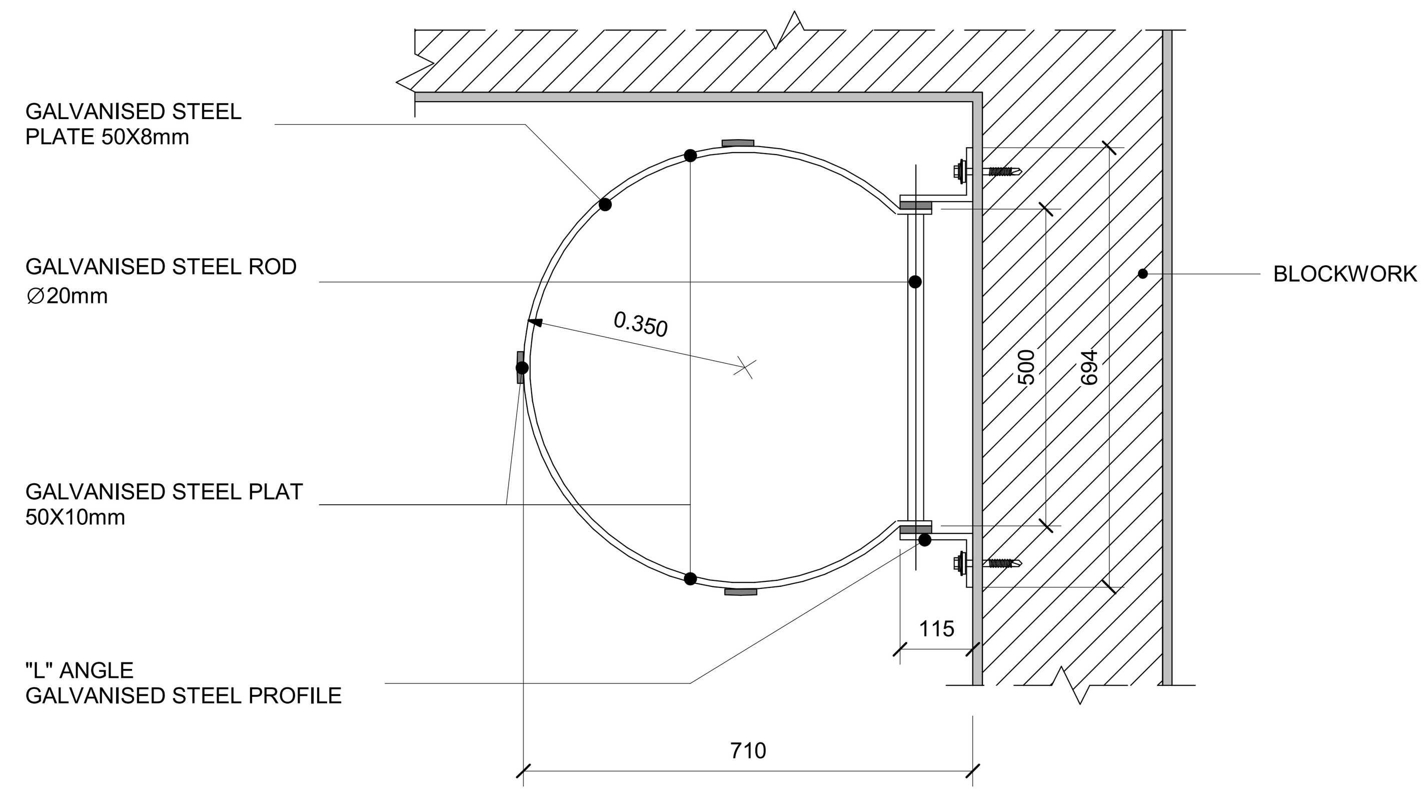
DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.PUMP ROOM BLOW UP DETAILS

Page: 1 of 1

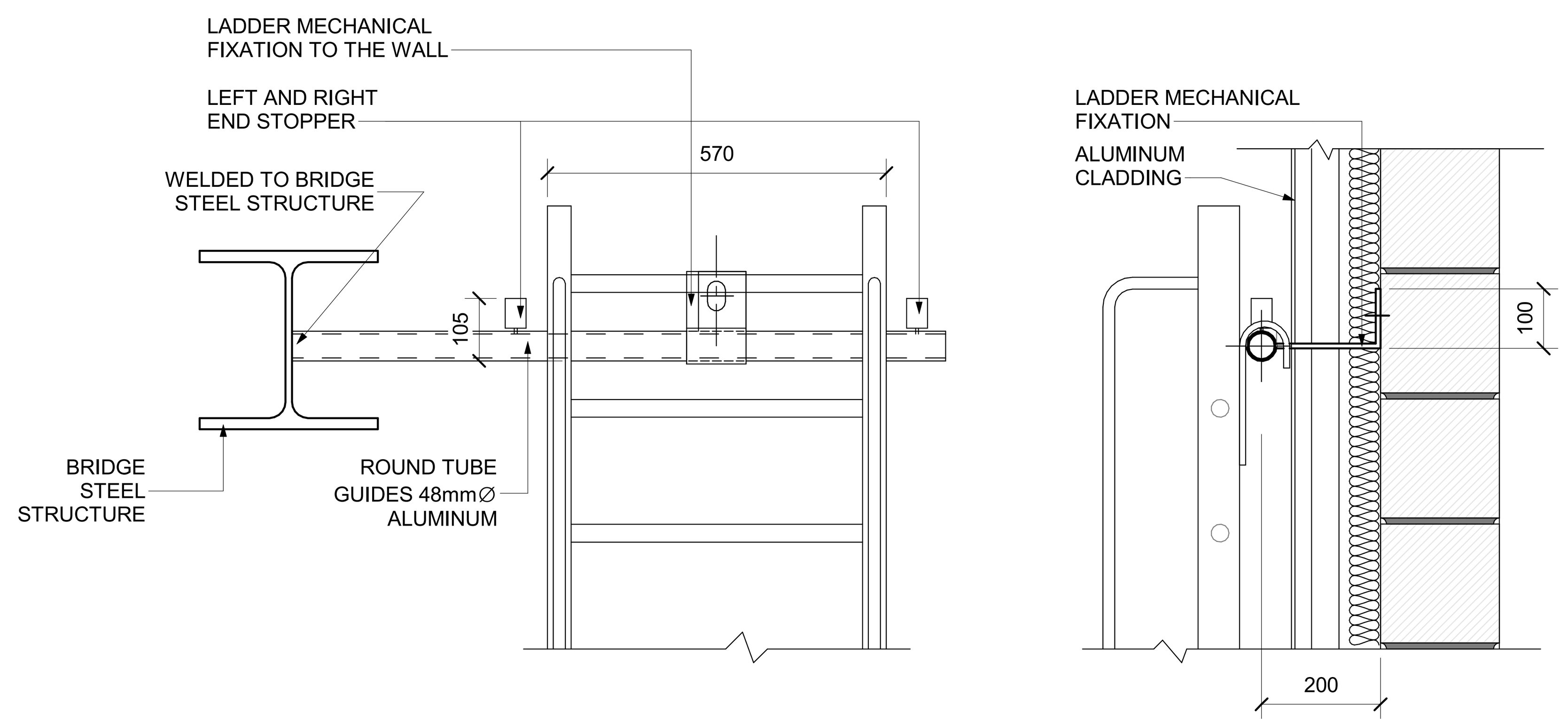
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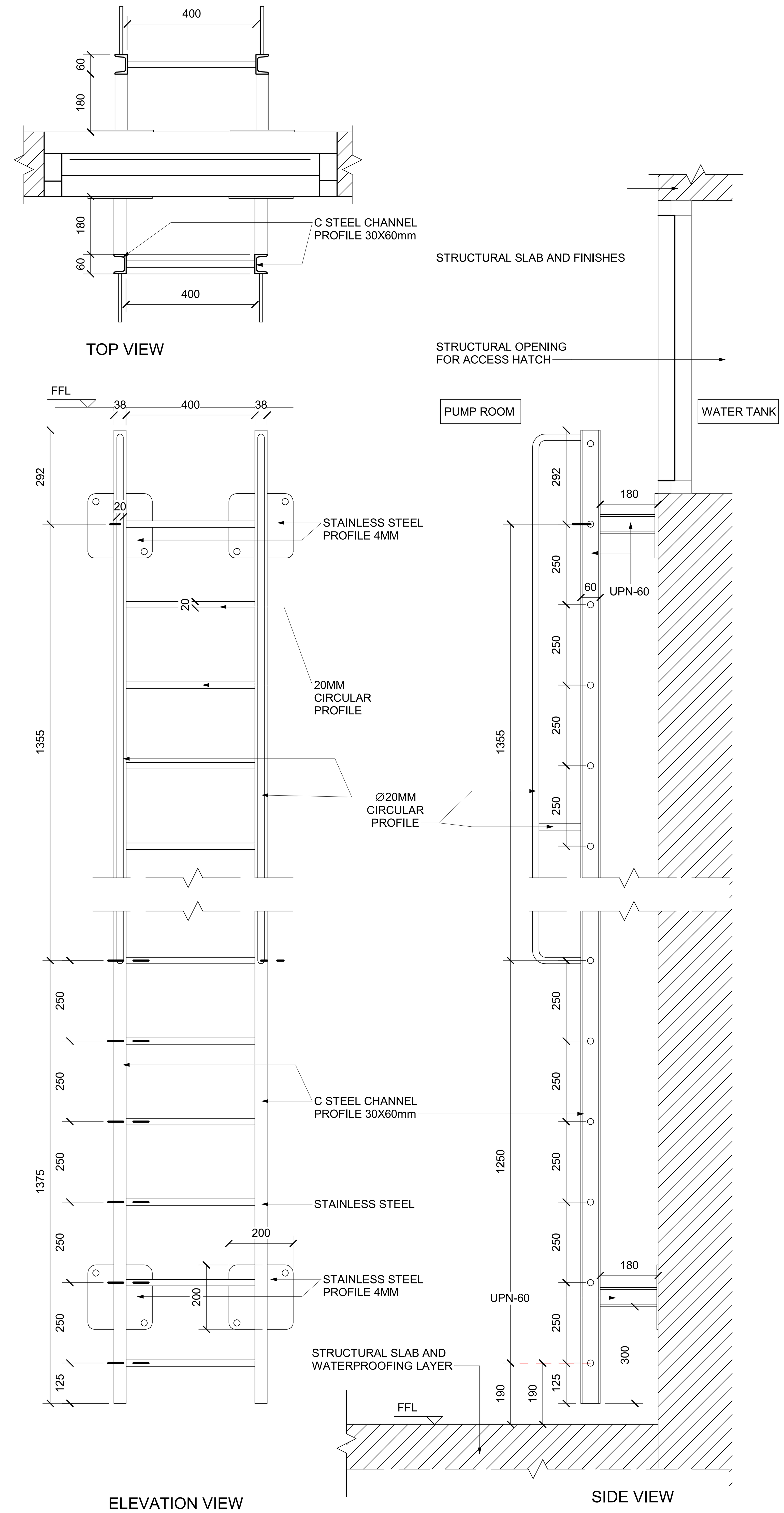
1 SECTION OF FIXED LADDER FIXATION WITH BLOCKWORK FOR CORRIDOR
SCALE 1 : 15



2 PLAN OF FIXED LADDER FIXATION WITH BLOCKWORK
SCALE 1 : 10



3 STAIR ACCESS TO THE BRIDGE ROOF
SCALE 1 : 10



4 WATER TANK LADDER DETAILS
SCALE 1 : 10

LADDER IN PUMP ROOM SIDE TO BE EXECUTED IN GALVANIZED FINISH. LADDER INSIDE OF WATER TANK TO BE EXECUTED IN STAINLESS STEEL FINISH.

NOTES :

ALL FINISHING MATERIALS SHALL COMPLY WITH NFPA CODES

FINAL APPROVAL FOR THE PROVIDED DETAILS ARE SUBJET TO MATERIAL SUBMITTAL APPROVAL

* FOR AREAS WITH BIG HEIGHT OF SUSPENDED CEILING, REFER TO SUPPLIER FOR SPECIAL SOLUTIONS

** SUPPLIER SHOULD TAKE DIMENSIONS BEFORE THE MANUFACTURING

*** IF A FIXED LADDER IS HIGHER THAN 6M A STEEL SAFETY PLATE IS REQUIRED ACCORDING TO NFPA

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DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.LADDER DETAILS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85262	A

SH-RoomFinish

NUMBER	NAME	FLOOR FINISH	WALL FINISH	CEILING FINISH	SKIRTING FINISH	AREA	DEPARTMENT	LEVEL
027a	CORRIDOR	0	1	0	0	24 m²	NON PUBLIC AREAS	ARC_00_GroundLevel
027b	CORRIDOR	0	1	0	0	26 m²	NON PUBLIC AREAS	ARC_00_GroundLevel
027c	CORRIDOR	0	1	0	0	91 m²	NON PUBLIC AREAS	ARC_00_GroundLevel
028	PS&D BATTERY ROOM	4	2	4	2	37 m²	MEP AREA	ARC_00_GroundLevel
029a	CLEAN AGENT	5	2	4	0	9 m²	MEP AREA	ARC_00_GroundLevel
029b	CLEAN AGENT	5	2	4	0	4 m²	MEP AREA	ARC_00_GroundLevel
029c	CLEAN AGENT	5	2	4	0	7 m²	MEP AREA	ARC_00_GroundLevel
029d	CLEAN AGENT	5	2	4	0	4 m²	MEP AREA	ARC_00_GroundLevel
034	TR	4	2	4	2	177 m²	MEP AREA	ARC_00_GroundLevel
035	UPS BPC	4	2	4	2	22 m²	MEP AREA	ARC_00_GroundLevel
039	BRAKE RESISTOR	5	0	0	0	24 m²	MEP AREA	ARC_00_GroundLevel
040	DIESEL GENERATOR & FUEL TANK	4	2	4	2	35 m²	MEP AREA	ARC_00_GroundLevel
042	TPS-I	4	2	4	2	95 m²	MEP AREA	ARC_00_GroundLevel
043	TPS-II	4	2	4	2	108 m²	MEP AREA	ARC_00_GroundLevel
052	CRAC OUTDOOR UNITS	5	0	0	0	40 m²	MEP AREA	ARC_00_GroundLevel
054	FIRE EQUIPMENT ROOM	5	2	4	0	4 m²	MEP AREA	ARC_00_GroundLevel
100a	PUBLIC AREA	1	2	2	5	675 m²	PUBLIC AREA	ARC_01_ConcourseLevel
100b	PUBLIC AREA	1	2	2	5	679 m²	PUBLIC AREA	ARC_01_ConcourseLevel
101	ACCESS	1	0	2	2	219 m²	PUBLIC AREA	ARC_01_ConcourseLevel
102	ACCESS BRIDGE	1	0	0	2	196 m²	PUBLIC AREA	ARC_01_ConcourseLevel
103	ACCESS BRIDGE	1	0	0	2	194 m²	PUBLIC AREA	ARC_01_ConcourseLevel
104	CIVIL DEFENCE	1	2	3	1	16 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
105	WATER PUMPS	4	2	4	2	98 m²	MEP AREA	ARC_01_ConcourseLevel
107a	SAFE	3	2	3	4	9 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
107b	SAFE (MPT)	3	2	3	4	9 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
108a	TOM	3	5	2	4	26 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
108b	TOM	3	5	2	4	26 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
109	FIRST AID ROOM	1	2	3	1	9 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
110	BMS	1	2	6	1	10 m²	MEP AREA	ARC_01_ConcourseLevel
112a	ELECT. CLOSET	5	2	4	0	8 m²	MEP AREA	ARC_01_ConcourseLevel
112b	ELECT. CLOSET	5	2	6	0	10 m²	MEP AREA	ARC_01_ConcourseLevel
112c	ELECT. CLOSET	5	2	6	0	9 m²	MEP AREA	ARC_01_ConcourseLevel
113a	POLICE OFFICER	1	2	3	1	9 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
113b	POLICE OFFICER	1	2	3	1	16 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
114	POLICE STAFF	1	2	3	1	22 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
115	ITS ROOM	1	2	3	1	7 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
116	SMO	3	2	6	4	30 m²	MEP AREA	ARC_01_ConcourseLevel
117a	EMERGENCY WALKWAY	1	0	0	2	320 m²	PUBLIC AREA	ARC_01_ConcourseLevel
117b	EMERGENCY WALKWAY	1	0	0	2	319 m²	PUBLIC AREA	ARC_01_ConcourseLevel
118a	COM ROOM	3	2	2	4	17 m²	MEP AREA	ARC_01_ConcourseLevel
118b	COM ROOM	3	2	2	4	13 m²	MEP AREA	ARC_01_ConcourseLevel
120	MALE WC	2	3	1	0	17 m²	PUBLIC AREA	ARC_01_ConcourseLevel
121	PRM WC	2	3	1	0	6 m²	PUBLIC AREA	ARC_01_ConcourseLevel
122	FEMALE WC	2	3	1	0	13 m²	PUBLIC AREA	ARC_01_ConcourseLevel
123	JANITOR ROOM	2	3	1	0	7 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
124	STAFF WC	2	3	1	0	13 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
125a	MAINTENANCE ROOM	0	0	4	0	2 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
125b	MAINTENANCE ROOM	0	0	4	0	2 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
125c	MAINTENANCE ROOM	0	0	4	0	6 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
125d	MAINTENANCE ROOM	0	0	4	0	3 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
126	LV PANEL	4	2	6	2	45 m²	MEP AREA	ARC_01_ConcourseLevel
127	CORRIDOR	5	2	3	3	17 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
129a	CLEAN AGENT	5	2	4	0	9 m²	MEP AREA	ARC_01_ConcourseLevel
129b	CLEAN AGENT	5	2	4	0	6 m²	MEP AREA	ARC_01_ConcourseLevel

SH-RoomFinish

NUMBER	NAME	FLOOR FINISH	WALL FINISH	CEILING FINISH	SKIRTING FINISH	AREA	DEPARTMENT	LEVEL
129c	CLEAN AGENT	5	2	4	0	5 m²	MEP AREA	ARC_01_ConcourseLevel
130	CRAH ROOM (HVAC)	3	2	4	4	33 m²	MEP AREA	ARC_01_ConcourseLevel
131	EER	3	2	6	4	109 m²	MEP AREA	ARC_01_ConcourseLevel
136	UPS CBS	4	2	6	2	46 m²	MEP AREA	ARC_01_ConcourseLevel
146	STORAGE	5	2	4	0	5 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
147a	WATER TANKS	6	7	7	0	35 m²	MEP AREA	ARC_01_ConcourseLevel
147b	WATER TANKS	6	7	7	0	34 m²	MEP AREA	ARC_01_ConcourseLevel
148a	CORRIDOR	2	2	3	1	2 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
148b	CORRIDOR	2	2	3	1	2 m²	NON PUBLIC AREAS	ARC_01_ConcourseLevel
151a	DX SPLIT AHU	4	2	4	2	57 m²	MEP AREA	ARC_01_Mezzanine
151b	DX SPLIT AHU	4	2	4	2	57 m²	MEP AREA	ARC_01_Mezzanine
200	PLATFORM	1	2	2	1	641 m²	PUBLIC AREA	ARC_03_PlatformLevel
201	PLATFORM	1	2	2	1	641 m²	PUBLIC AREA	ARC_03_PlatformLevel
206a	ACCESS TO TRACK	1	1	4	1	10 m²	PUBLIC AREA	ARC_03_PlatformLevel
206b	ACCESS TO TRACK	1	1	4	1	10 m²	PUBLIC AREA	ARC_03_PlatformLevel
206c	ACCESS TO TRACK	1	1	4	1	10 m²	PUBLIC AREA	ARC_03_PlatformLevel
206d	ACCESS TO TRACK	1	1	4	1	10 m²	PUBLIC AREA	ARC_03_PlatformLevel
223a	JANITOR ROOM	2	3	4	0	6 m²	NON PUBLIC AREAS	ARC_03_PlatformLevel
223b	JANITOR ROOM	2	3	4	0	6 m²	NON PUBLIC AREAS	ARC_03_PlatformLevel
238a	BLS ROOM	1	1	0	1	3 m²	PUBLIC AREA	ARC_03_PlatformLevel
238b	BLS ROOM	1	1	0	1	3 m²	PUBLIC AREA	ARC_03_PlatformLevel
238c	BLS ROOM	1	1	0	1	3 m²	PUBLIC AREA	ARC_03_PlatformLevel
238d	BLS ROOM	1	1	0	1	3 m²	PUBLIC AREA	ARC_03_PlatformLevel
241a	COM ROOM	4	2	4	4	9 m²	MEP AREA	ARC_03_PlatformLevel
241b	COM ROOM	4	2	4	4	9 m²	MEP AREA	ARC_03_PlatformLevel
350a	MEP ROOF	4	1	0	0	175 m²	MEP AREA	ARC_04_Roof Level
350b	MEP ROOF	4	1	0	0	175 m²	MEP AREA	ARC_04_Roof Level

FLOOR FINISHES

0	WITHOUT FINISH
1	LOCAL GRANITE FLOORING 20mm THK
2	ANTISLIDING CERAMIC TILES FLOOR
3	SMOOTH CONCRETE SURFACE ANTI STATIC RAISED FLOOR LOAD REQ BY BTC
4	EPOXY COATING ANTI DUST PAINT FLOOR
5	100mm SCREED FLOOR
6	WATERPROOFING CEMENTITIOUS COAT ON FLOOR

SKIRTING FINISHES

0	NO SKIRTING FINISH
1	100mm OR 200mm HEIGHT AND 20mm THICKNESS GRANITE SKIRTING
2	EPOXY ANTI DUST PAINT SKIRTING
3	CERAMIC TILES SKIRTING
4	WOODEN OR PVC SKIRTING
5	950mm HEIGHT AND 20mm THICKNESS GRANITE SKIRTING

WALL FINISHES

0	NO WALL FINISH
1	PLASTER AND ACRYLIC EXTERIOR PAINT ON WALLS
2	PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
3	CERAMIC TILES ON WALLS
4	PAINT ON FAIR FACE ON WALLS
5	MONORAIL MOTIF VINYL STICK ON PLASTER AND ACRYLIC INTERIOR PAINT ON WALLS
6	EPOXY ANTI DUST PAINT ON WALLS
7	WATERPROOFING CEMENTITIOUS COAT ON WALLS

CEILING FINISHES

0	NO CEILING FINISH
1	CONTINUOUS ANTI MOISTURE GYPSUM BOARD SUSPENDED CEILING
2	600x600mm MODULAR ACOUSTIC GYPSUM BOARD CEILING & CONTINUOS GYPSUM BOARD SUSPENDED CEILING
3	CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
4	PAINT ON FAIR FACE ON CEILING
5	METAL STUD EQUIPMENT SUPPORTING SYSTEM
6	SEALED CONTINUOUS GYPSUM BOARD SUSPENDED CEILING
7	WATERPROOFING CEMENTITIOUS COAT ON CEILING

* THE SAME CEILING FINISHES TABLE IS USED FOR ALL PROTOTIPES.
FINISH NUMBER 5 IS NOT APPLICABLE FOR CLOSED STATIONS

NOTES :
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* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.

SEE THE FOLLOWING SHEETS FOR FINISHES DETAILS:
85035: STATION TYPE 1-CONCOURSE LEVEL FINISHES
85036: STATION TYPE 1-PLATFORM LEVEL FINISHES
85160: STATION TYPE 1-STANDARD FLOOR DETAILS
85170: STATION TYPE 1-STANDARD CEILING DETAILS
85180: STATION TYPE 1-STANDARD WALL DETAILS

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

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The Authority
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ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

ORIGINAL FORMAT : A1
DATE : 2023/06/09
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DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
FINISHING PLANS
CLOSED STATION PROTOTYPE 3.MASTER SHEET

Page: 1 of 1

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85270	-	A

DRAWING INDEX

SHEET NAME				DRAWING NUMBER						REVISION	
CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	WAYFINDING	WAYFINDING AND SIGNAGE	CLOSED STATION PROTOTYPE 3.DRAWING LIST WAYFINDING AND SIGNAGE	93M	0410	SEN	000PW	END	85300	A	2023/06/09
DETAILED DESIGN	WAYFINDING	WAYFINDING AND SIGNAGE	CLOSED STATION PROTOTYPE 3.GROUND FLOOR LEVEL WAYFINDING	93M	0410	SEN	000PW	END	85310	A	2023/06/09
DETAILED DESIGN	WAYFINDING	WAYFINDING AND SIGNAGE	CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL WAYFINDING	93M	0410	SEN	000PW	END	85311	A	2023/06/09
DETAILED DESIGN	WAYFINDING	WAYFINDING AND SIGNAGE	CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL WAYFINDING	93M	0410	SEN	000PW	END	85312	A	2023/06/09
DETAILED DESIGN	WAYFINDING	WAYFINDING AND SIGNAGE	CLOSED STATION PROTOTYPE 3.WAYFINDING SIGNALS SCHEDULE	93M	0410	SEN	000PW	END	85313	A	2023/06/09
DETAILED DESIGN	WAYFINDING	WAYFINDING AND SIGNAGE	CLOSED STATION PROTOTYPE 3.WAYFINDING DETAILS	93M	0410	SEN	000PW	END	85314		
DETAILED DESIGN	WAYFINDING	WAYFINDING AND SIGNAGE	CLOSED STATION PROTOTYPE 3.WAYFINDING SIGNALS	93M	0410	SEN	000PW	END	85320	A	2023/06/09

NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
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DRAWING TITLE :
DETAILED DESIGN
WAYFINDING
WAYFINDING AND SIGNAGE
CLOSED STATION PROTOTYPE 3.DRAWING LIST WAYFINDING AND SIGNAGE

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85300	A



LEGEND SIGNALLING

- FLOW DEPARTING
- FLOW ARRIVING
- FLOW ESCAPE-ROUTE
- SIGN - DIRECTIONAL
- SIGN - IDENTIFICATION
- SIGN - ESCAPE (LIGHTENED)
- SIGN - ESCAPE (PHOTOLUMINESCENT)
- SIGN - INFORMATION

NOTES :
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* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN
* FOR CONTEXT PLANNING LEVELS AND DESIGN PLEASE REFER TO ACCES STAIRS ADAPTATION PACKAGES ROAD AND PAVEMENT DIMENSIONS SUBJECT TO THE ARCHITECTURAL ADAPTATION PACKAGE.
* SIGNAGE FONT SHALL BE USED FOR GUIDANCE AND ACTUAL FONT WILL BE SELECTED BY THE ORGANIZATION PASSENGER INFORMATION SYSTEM (SINGLE AND DOUBLE SIDED DISPLAY) TO BE DEFINED IN A SEPARATED SUBMISSION.
*PLEASE REFER TO FLOW SIMULATION FOR FURTHER INFORMATION:

- 93M-0410-SEN-000PW-ERP-53001
- 93M-0410-SEN-000PW-3DM-00001
- 93M-0410-SEN-000PW-3DM-00002
- 93M-0410-SEN-000PW-3DM-00003
- 93M-0410-SEN-000PW-3DM-00004
- 93M-0410-SEN-000PW-3DM-00005
- 93M-0410-SEN-000PW-3DM-00006
- 93M-0410-SEN-000PW-3DM-00007
- 93M-0410-SEN-000PW-3DM-00008

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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KEY PLAN :

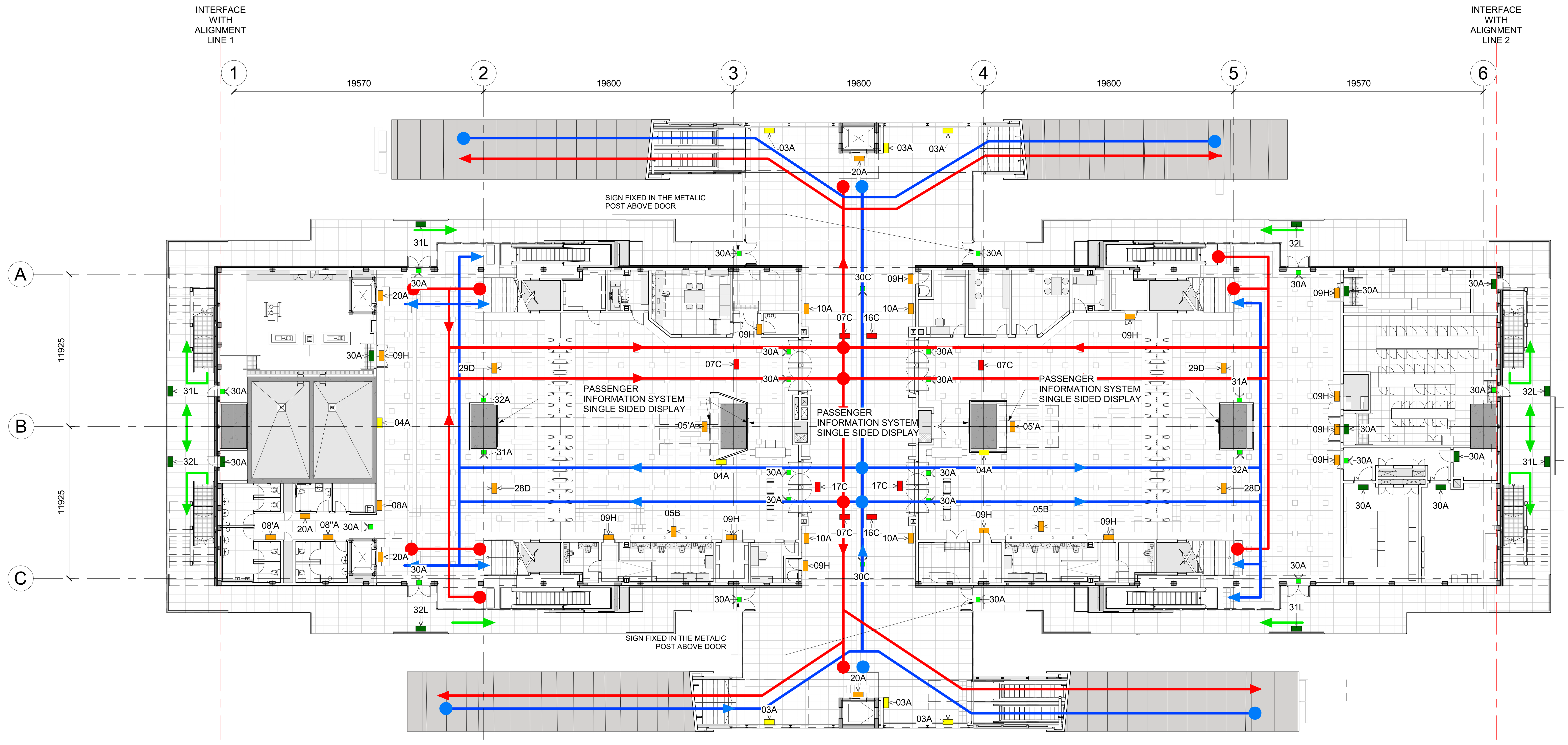
ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : 1 : 200
PURPOSE OF ISSUE : FOR APPROVAL

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A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
WAYFINDING
WAYFINDING AND SIGNAGE
CLOSED STATION PROTOTYPE 3.GROUND FLOOR LEVEL
WAYFINDING

Page: 1 of 1

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85310	-	A



LEGEND SIGNALLING

- FLOW DEPARTING
- FLOW ARRIVING
- FLOW ESCAPE-ROUTE
- SIGN - DIRECTIONAL
- SIGN - IDENTIFICATION
- SIGN - ESCAPE (LIGHTENED)
- SIGN - ESCAPE (PHOTOLUMINESCENT)
- SIGN - INFORMATION

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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE : 1 : 200

PURPOSE OF ISSUE : FOR APPROVAL

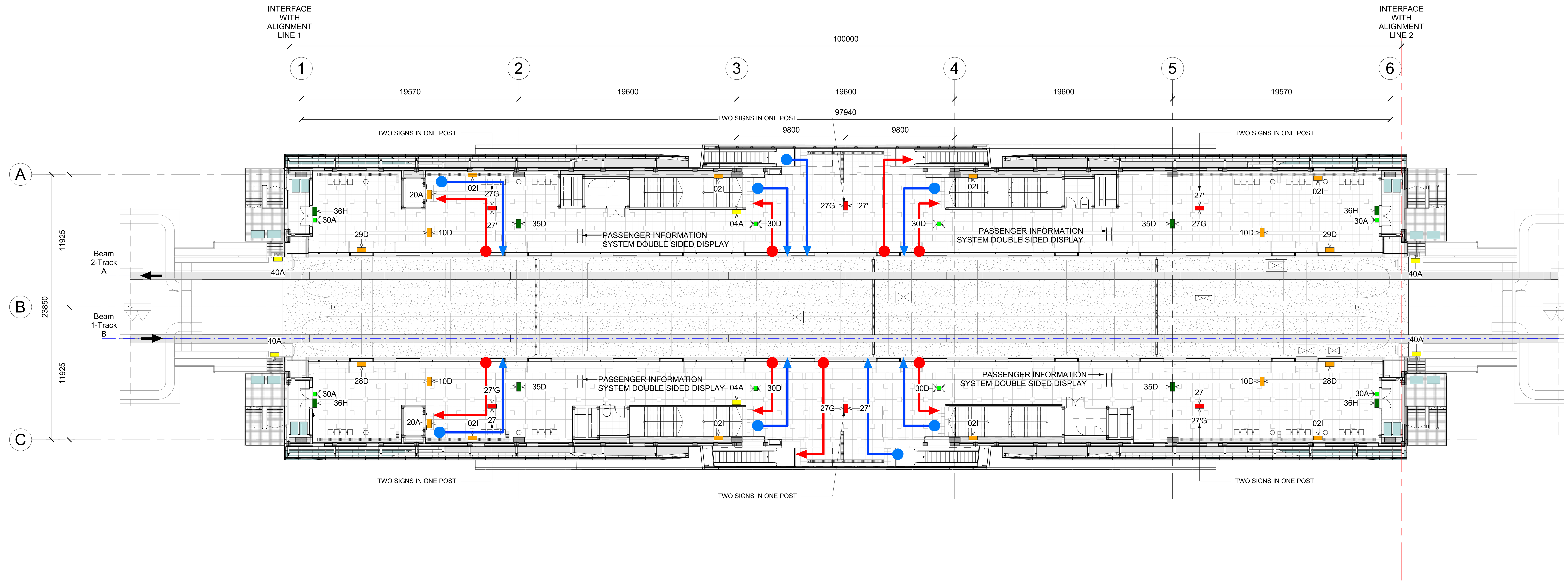
REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :

DETAILED DESIGN
WAYFINDING
WAYFINDING AND SIGNAGE
CLOSED STATION PROTOTYPE 3.CONCOURSE LEVEL WAYFINDING

Page: 1 of 1

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85311	-	A



LEGEND SIGNALLING

- FLOW DEPARTING
- FLOW ARRIVING
- FLOW ESCAPE-ROUTE
- SIGN - DIRECTIONAL
- SIGN - IDENTIFICATION
- SIGN - ESCAPE (LIGHTENED)
- SIGN - ESCAPE (PHOTOLUMINESCENT)
- SIGN - INFORMATION

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1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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DRAWING TITLE :
DETAILED DESIGN
WAYFINDING
WAYFINDING AND SIGNAGE
CLOSED STATION PROTOTYPE 3.PLATFORM LEVEL
WAYFINDING

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85312	A

MARK	SIZE	TEXT	TYPE	COUNT	COLOR B: BACKGROUND L: LETTER	FINISH	REMARK
01'A	132 x 306 (cm)	MONORAIL EAST OF NILE PICTOGRAM	IDENTIFICATION	2	L:BLUE B:WHITE	LIGHTENED	
01G	132 x 132 (cm)	MONORAIL EAST OF NILE PICTOGRAM	IDENTIFICATION	4	L:BLUE B:WHITE	LIGHTENED	3.4m FROM FFL TO BOTTOM OF SIGNAL.
02'A	VARIABLE x 80 (cm)	STATION'S NAME	IDENTIFICATION	4	L:BLUE B:WHITE	ENAMELED	L*H VARIABLE ACORDING TO EACH STATION
02I	VARIABLE x 60 (cm)	STATION'S NAME	IDENTIFICATION	8	L:BLUE B:WHITE	ENAMELED	L*H VARIABLE ACORDING TO EACH STATION
03A	60 x 20 (cm)	DIRECTION	INFORMATION	6	L:BLUE B:WHITE	ENAMELED	2.155m FROM FFL TO TOP OF SIGNAL, TO BE CUSTOMIZED IN EACH STATION
04A	90 x 125 (cm)	NETWORK MAP	INFORMATION	5	L:BLUE B:WHITE	ENAMELED	
05'A	120 x 15 (cm)	TICKET VENDING MACHINE	IDENTIFICATION	2	L:BLUE B:WHITE	ENAMELED	
05B	120 x 15 (cm)	TICKET OFFICE	IDENTIFICATION	2	L:BLUE B:WHITE	ENAMELED	DOUBLE SIDED. 2,5 FROM FFL TO BOTTOM OF SIGNAL
07C	150 x 30 (cm)	EXIT	DIRECTIONAL	4	L:WHITE B:BLUE	LIGHTENED	
08"A	30 x 40 (cm)	MEN'S BATHROOM PICTOGRAM	IDENTIFICATION	1	L:WHITE B:BLUE	ENAMELED	INCLUDES PICTOGRAM IN WHITE
08'A	30 x 40 (cm)	WOMEN'S BATHROOM PICTOGRAM	IDENTIFICATION	1	L:WHITE B:BLUE	ENAMELED	INCLUDES PICTOGRAM IN WHITE
08A	30 x 40 (cm)	BATHROOM PICTOGRAM	IDENTIFICATION	1	L:WHITE B:BLUE	ENAMELED	INCLUDES PICTOGRAM IN WHITE
09H	40 x 30 (cm)	NO ENTRY	IDENTIFICATION	13	L:BLUE B:WHITE	ENAMELED	
10A	150 x 15 (cm)	NO SMOKING	IDENTIFICATION	4	L:BLUE B:WHITE	ENAMELED	INCLUDES PICTOGRAM IN BLACK
10D	150 x 15 (cm)	NO SMOKING	IDENTIFICATION	4	L:BLUE B:WHITE	ENAMELED	INCLUDES PICTOGRAM IN BLACK
16'A	120 x 15 (cm)	EXIT. NAME OF STREET. NAME OF MAIN BUILDING	DIRECTIONAL	1	L:BLUE B:WHITE	ENAMELED	2.25m FROM FFL TO TOP OF SIGNAL, TO BE CUSTOMIZED IN EACH STATION
16A	120 x 15 (cm)	EXIT. NAME OF STREET. NAME OF MAIN BUILDING	DIRECTIONAL	2	L:BLUE B:WHITE	ENAMELED	2.20m FROM FFL TO TOP OF SIGNAL, FIXED ON WALL (A) OR POST SIGN (F) DEPENDING ON EACH STATION
16C	120 x 15 (cm)	EXIT. NAME OF STREET. NAME OF MAIN BUILDING	DIRECTIONAL	2	L:WHITE B:BLUE	ENAMELED	2.20m FROM FFL TO TOP OF SIGNAL, FIXED ON WALL (A) OR POST SIGN (F) DEPENDING ON EACH STATION
17C	150 x 30 (cm)	ENTRY	DIRECTIONAL	2	L:WHITE B:BLUE	ENAMELED	
20A	30 x 30 (cm)	HANDICAPPED PICTOGRAM	IDENTIFICATION	9	L:WHITE B:BLUE	ENAMELED	INCLUDES PICTOGRAM IN WHITE
27	150 x 30 (cm)	EXIT	DIRECTIONAL	2	L:WHITE B:BLUE	LIGHTENED	2.5m FROM FFL TO BOTTOM OF SIGNAL. REFER TO DWG 85312.
27'	150 x 30 (cm)	EXIT	DIRECTIONAL	4	L:WHITE B:BLUE	LIGHTENED	2.5m FROM FFL TO BOTTOM OF SIGNAL. REFER TO DWG 85312.
27'G	150 x 30 (cm)	EXIT	DIRECTIONAL	2	L:WHITE B:BLUE	LIGHTENED	2.5m FROM FFL TO BOTTOM OF SIGNAL. REFER TO DWG 85312.
27G	150 x 30 (cm)	EXIT	DIRECTIONAL	4	L:WHITE B:BLUE	LIGHTENED	2.5m FROM FFL TO BOTTOM OF SIGNAL. REFER TO DWG 85312.
28D	150 x 30 (cm)	DIRECTION	IDENTIFICATION	4	L:BLUE B:WHITE	ENAMELED	DOUBLE SIDED
29D	150 x 30 (cm)	DIRECTION	IDENTIFICATION	4	L:BLUE B:WHITE	ENAMELED	DOUBLE SIDED
30A	39 x 20 (cm)	EMERGENCY EXIT	EMERGENCY	32	B:GREEN L:BLACK	LIGHTENED	INCLUDES PICTOGRAM IN WHITE
30A	39 x 20 (cm)	EMERGENCY EXIT	EMERGENCY	14	B:GREEN L:BLACK	PHOTOLUMINESCENT	INCLUDES PICTOGRAM IN WHITE
30C	39 x 20 (cm)	EMERGENCY EXIT	EMERGENCY	2	B:GREEN L:BLACK	LIGHTENED	INCLUDES PICTOGRAM IN WHITE. INSTALLATION AT CEILING HEIGHT.
30D	39 x 20 (cm)	EMERGENCY EXIT	EMERGENCY	4	B:GREEN L:BLACK	LIGHTENED	INCLUDES PICTOGRAM IN WHITE
31A	39 x 20 (cm)	EMERGENCY EXIT	EMERGENCY	2	B:GREEN L:BLACK	LIGHTENED	INCLUDES PICTOGRAM IN WHITE
31L	39 x 20 (cm)	EMERGENCY EXIT	EMERGENCY	4	B:GREEN L:BLACK	PHOTOLUMINESCENT	INCLUDES PICTOGRAM IN WHITE
32A	39 x 20 (cm)	EMERGENCY EXIT	EMERGENCY	2	B:GREEN L:BLACK	LIGHTENED	INCLUDES PICTOGRAM IN WHITE
32L	39 x 20 (cm)	EMERGENCY EXIT	EMERGENCY	4	B:GREEN L:BLACK	PHOTOLUMINESCENT	INCLUDES PICTOGRAM IN WHITE
35D	120 x 30 (cm)	EMERGENCY STOP BUTTON	EMERGENCY	4	B:GREEN L:BLACK	PHOTOLUMINESCENT	INCLUDES PICTOGRAM IN WHITE
36H	35 x 25 (cm)	REFUGE AREA	EMERGENCY	4	B:WHITE L:GREEN	PHOTOLUMINESCENT	INCLUDES PICTOGRAM IN WHITE
40A	40 x 30 (cm)	DANGER PICTOGRAM	INFORMATION	4	B:YELLOW L:BLACK	ENAMELED	INCLUDES PICTOGRAM IN BLACK

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.
* SIGNAGE FONT SHALL BE USED FOR GUIDANCE AND ACTUAL FONT WILL BE SELECTED BY THE ORGANIZATION PASSENGER INFORMATION SYSTEM (SINGLE AND DOUBLE SIDED DISPLAY) TO BE DEFINED IN A SEPARATED SUBMISSION.

*PLEASE REFER TO FLOW SIMULATION FOR FURTHER INFORMATION:

- 93M-0410-SEN-000PW-ERP-53001
- 93M-0410-SEN-000PW-3DM-00001
- 93M-0410-SEN-000PW-3DM-00002
- 93M-0410-SEN-000PW-3DM-00003
- 93M-0410-SEN-000PW-3DM-00004
- 93M-0410-SEN-000PW-3DM-00005
- 93M-0410-SEN-000PW-3DM-00006
- 93M-0410-SEN-000PW-3DM-00007
- 93M-0410-SEN-000PW-3DM-00008

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority

Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

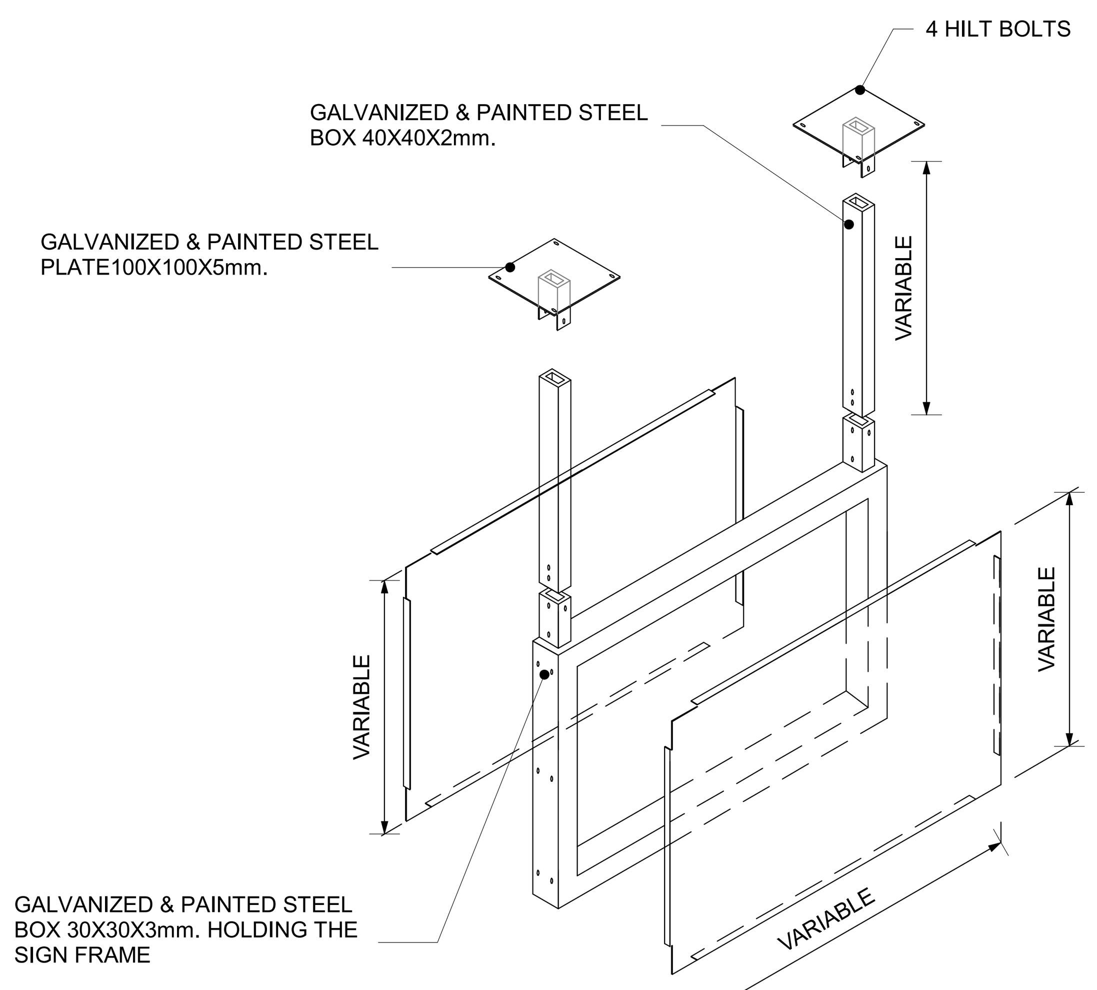
KEY PLAN :

ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE :
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

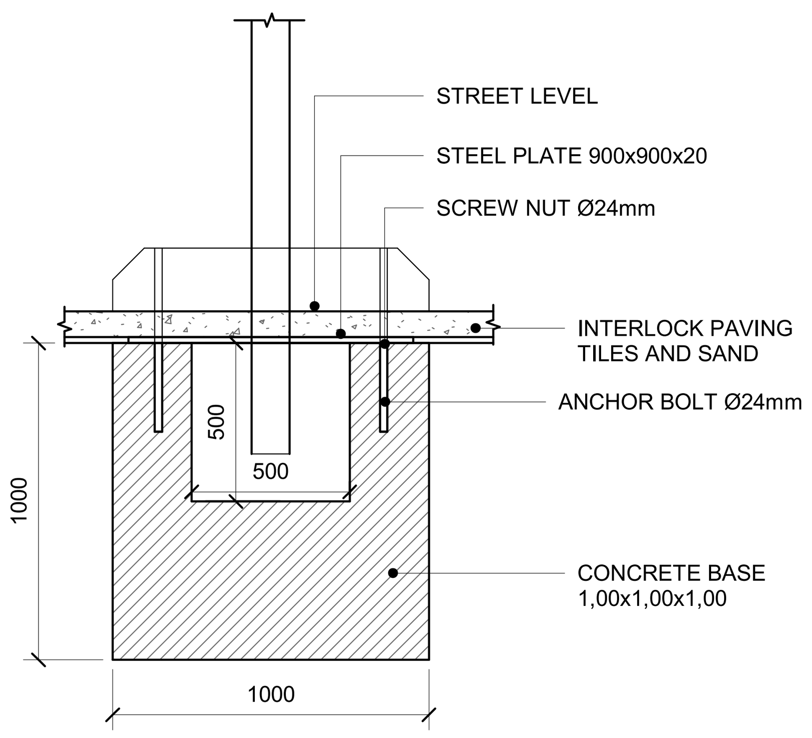
DRAWING TITLE :
DETAILED DESIGN
WAYFINDING
WAYFINDING AND SIGNAGE
CLOSED STATION PROTOTYPE 3.WAYFINDING SIGNALS SCHEDULE

Project Code		Rubric		Initiator		Lot		Sub. Type		Number		Revision
93M	-	0410	-	SEN	-	000PW	-	END	-	85313	-	A

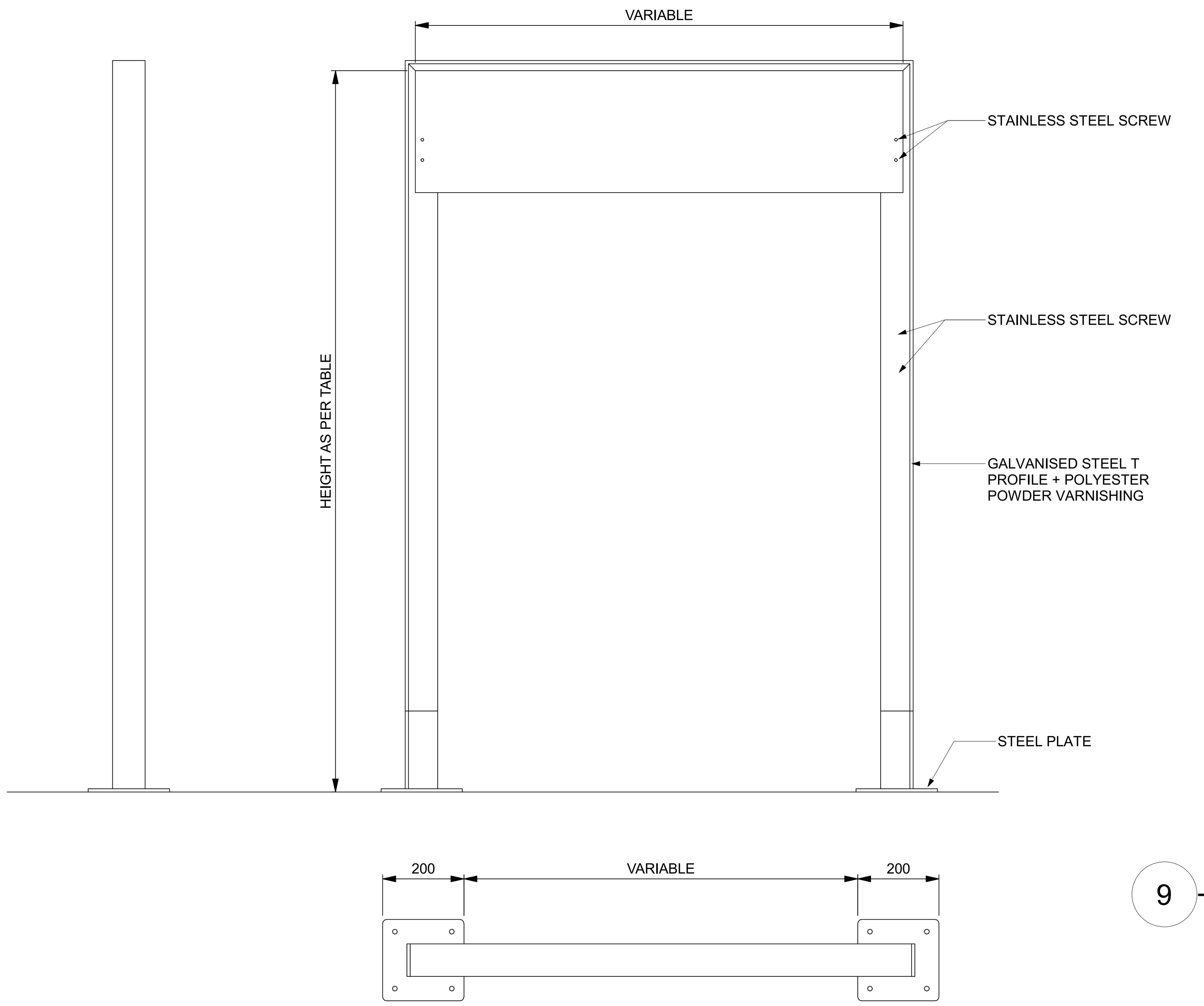


1 CEILING MOUNTED DETAIL
SCALE 1 : 20

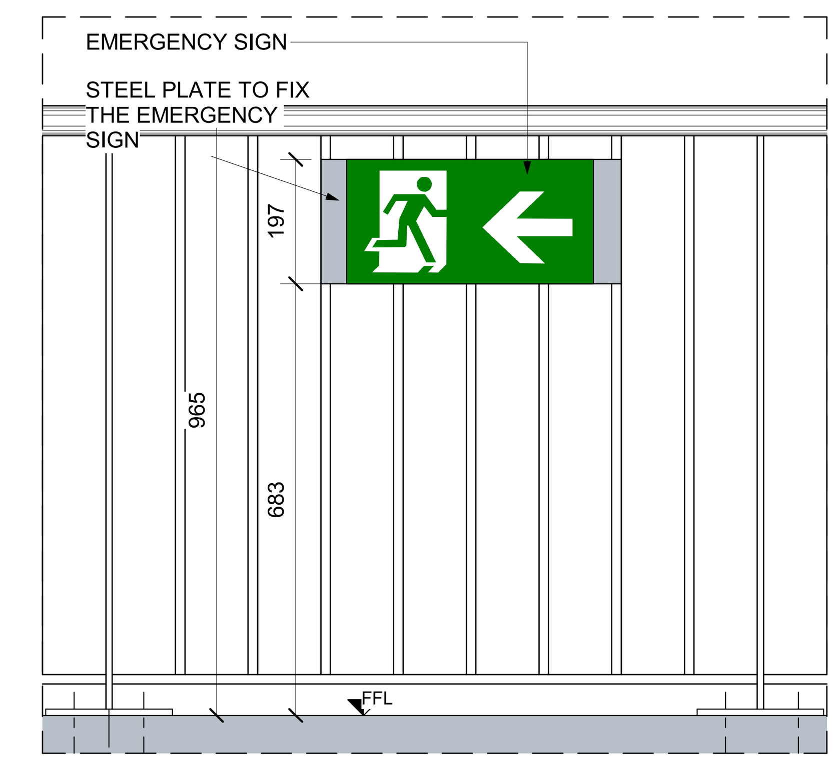
- HEIGHT AS PER TABLE



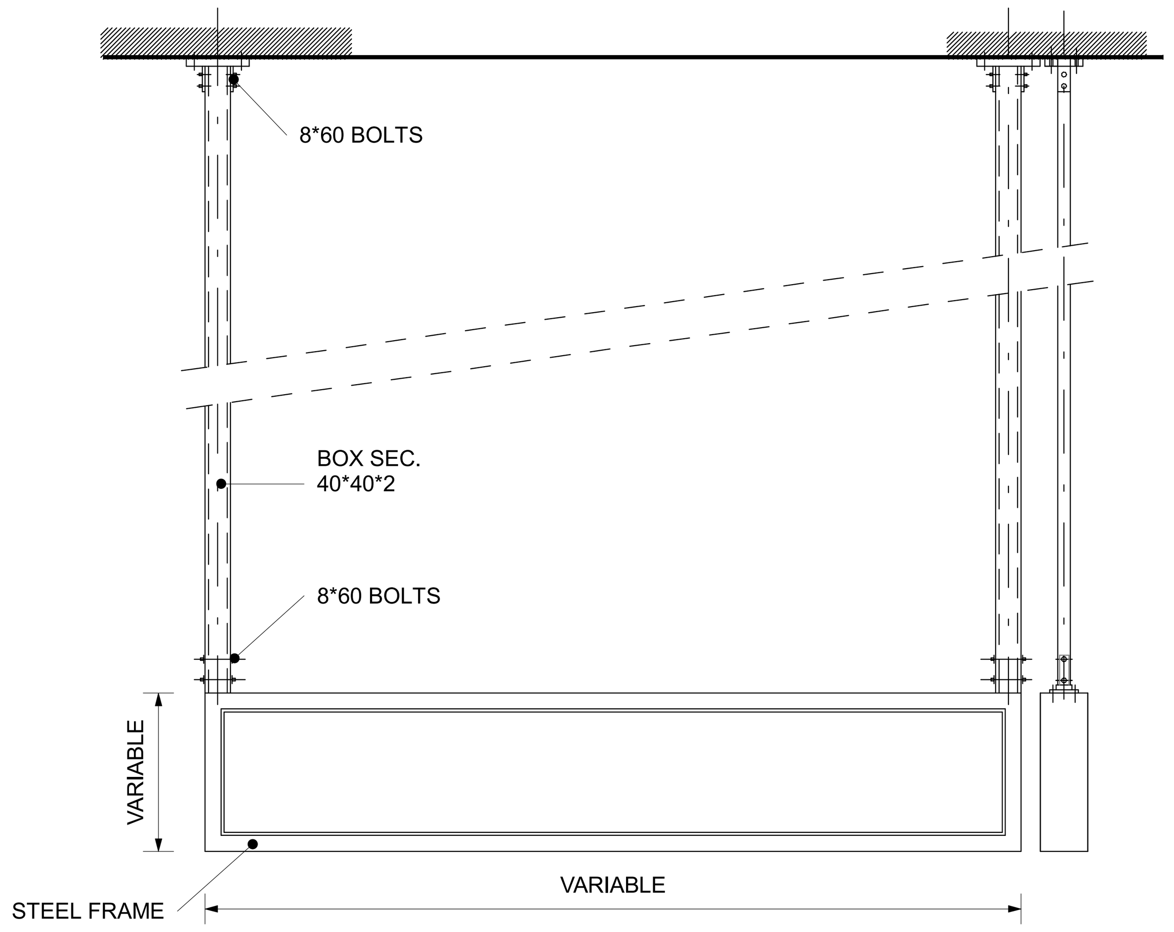
2 POST MOUNTED FIXATION
SCALE 1 : 20



3 DOUBLE POST MOUNTED DETAIL
SCALE 1 : 10

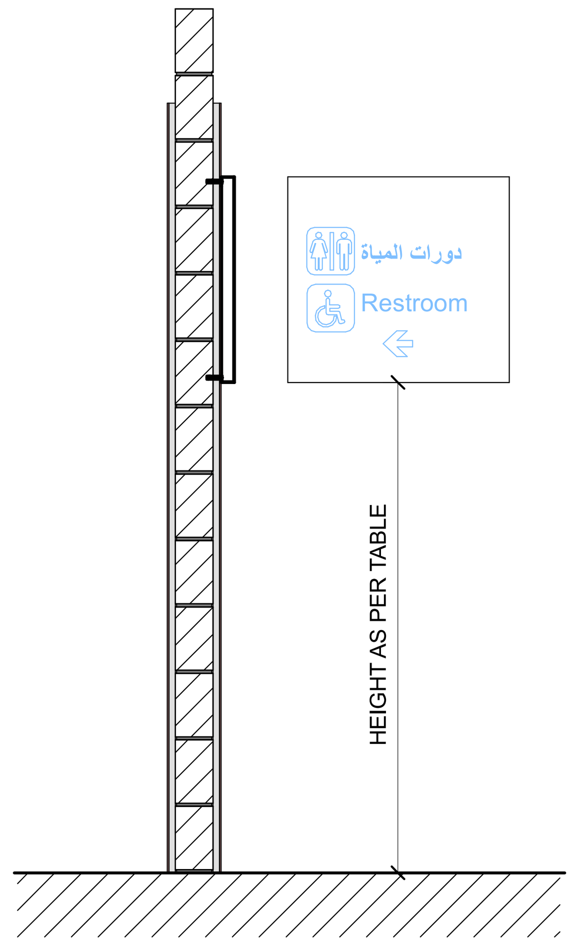


9 EMERGENCY SIGN MOUNTED IN HANDRAIL
SCALE 1 : 10

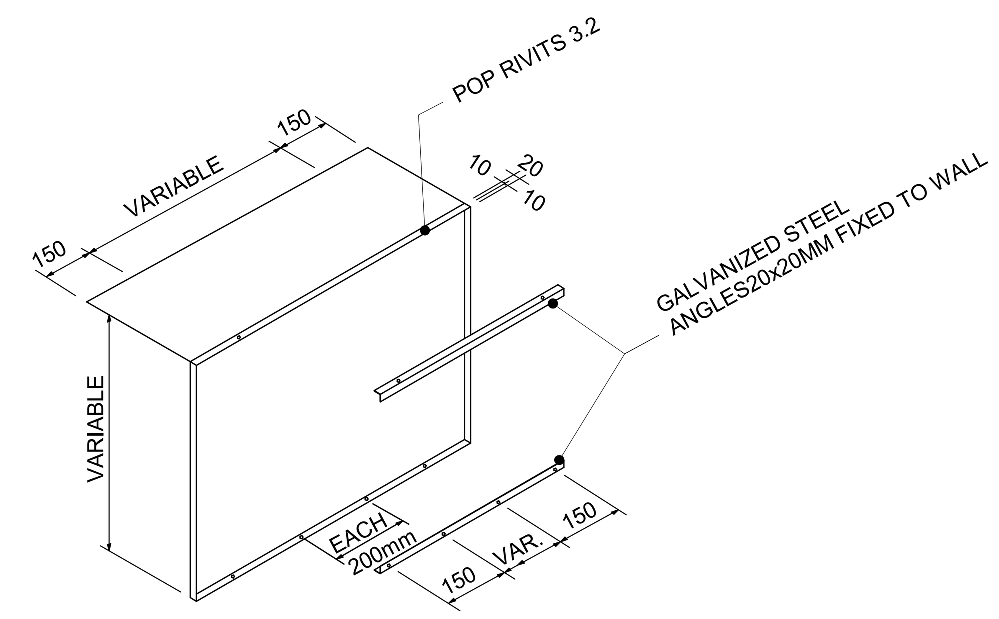


- HEIGHT AS PER TABLE

4 CEILING MOUNTED
SCALE 1 : 2

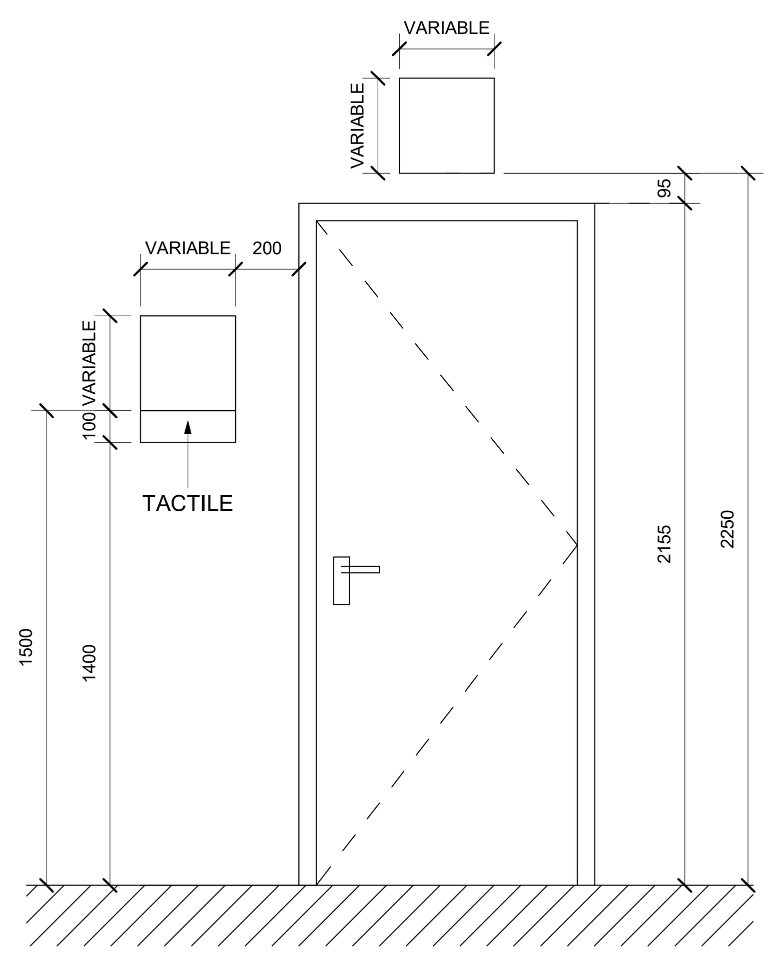


5 WALL MOUNTED DETAIL
SCALE 1 : 20

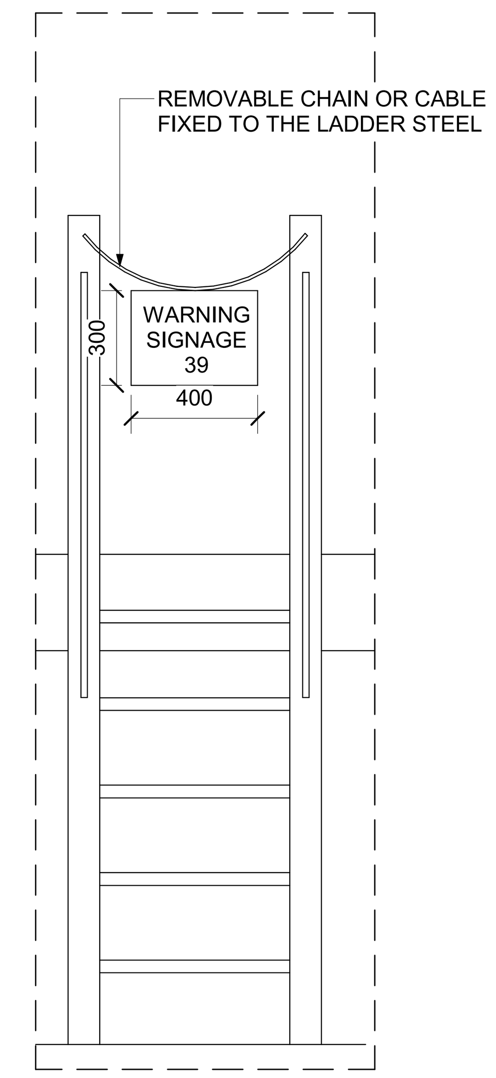


- HEIGHT AS PER TABLE

6 WALL MOUNTED DETAIL
SCALE 1 : 20



7 DOOR SIGNAGE DETAIL
SCALE 1 : 20



8 WARNING SIGNAGE DETAIL
SCALE 1 : 20

NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority
Hill International
Authority Consultant
ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor
SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE : As indicated
PURPOSE OF ISSUE : FOR APPROVAL

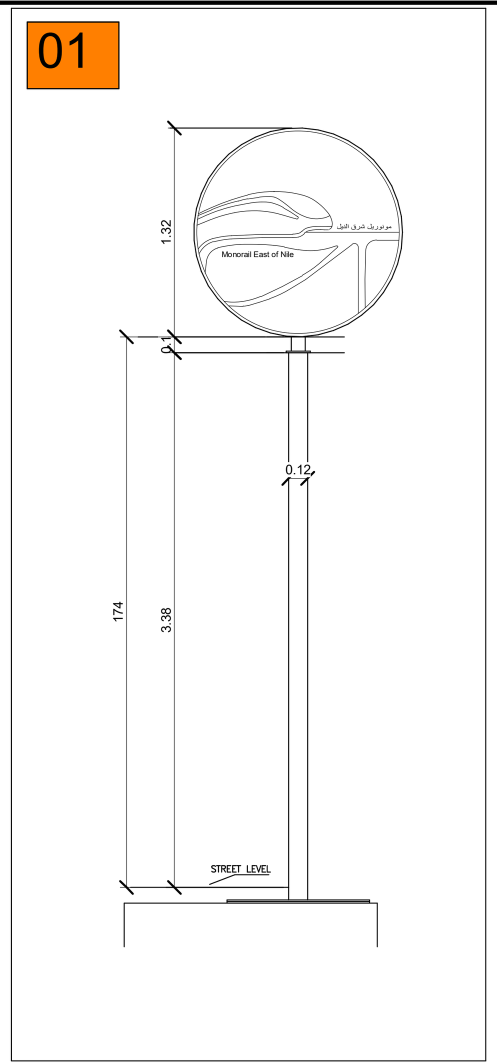
REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
WAYFINDING
WAYFINDING AND SIGNAGE
CLOSED STATION PROTOTYPE 3.WAYFINDING DETAILS

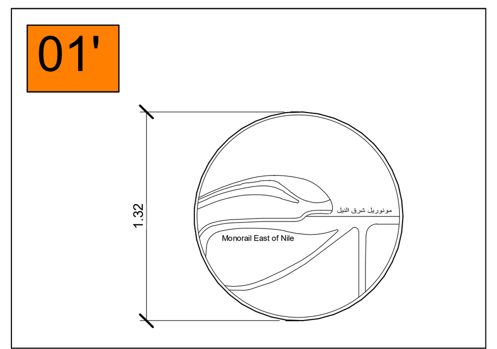
Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85314	A

01



01'

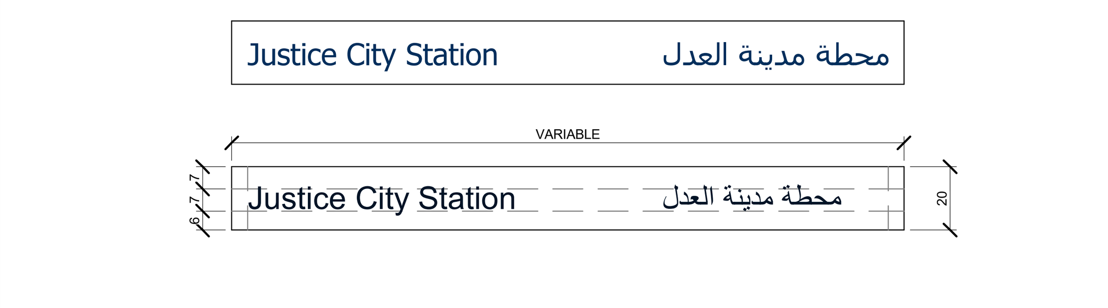


02



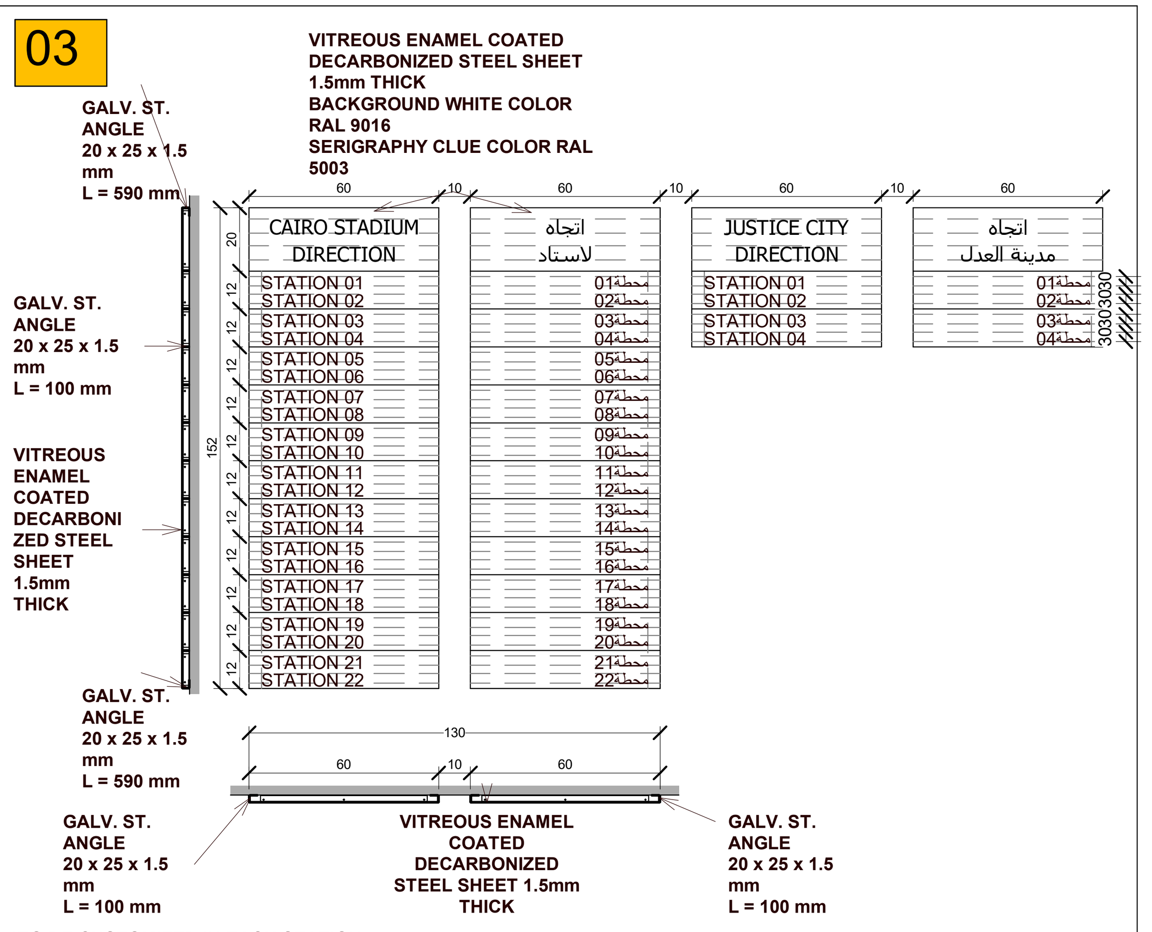
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English text	18 cm	(Tahoma font)

02'



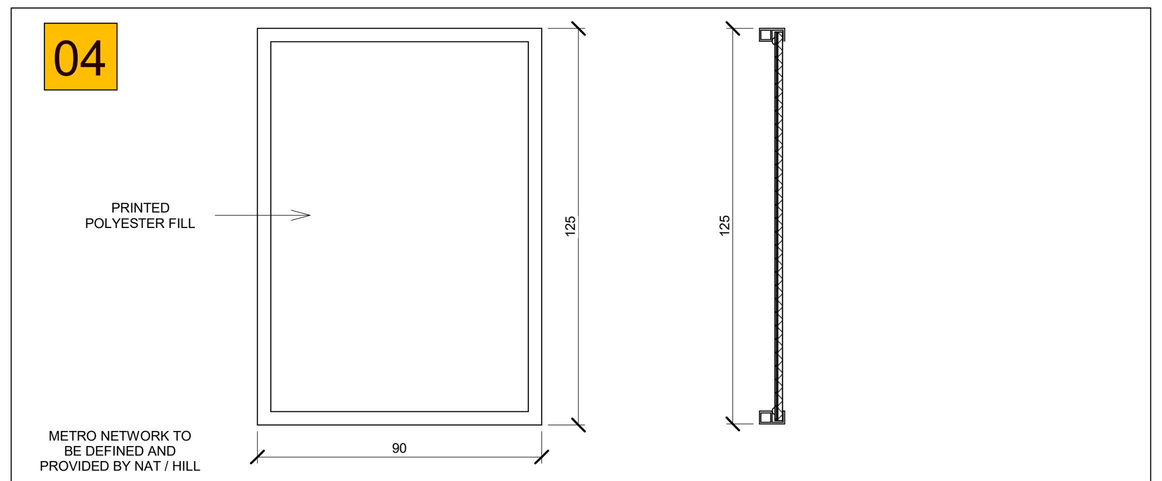
Size	VARIABLE x 20 (cm)	
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English text	07 cm	(Tahoma font)

03



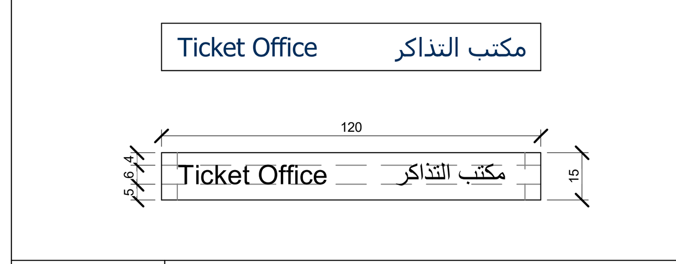
*TO BE CUSTOMIZED IN EACH STATION

04



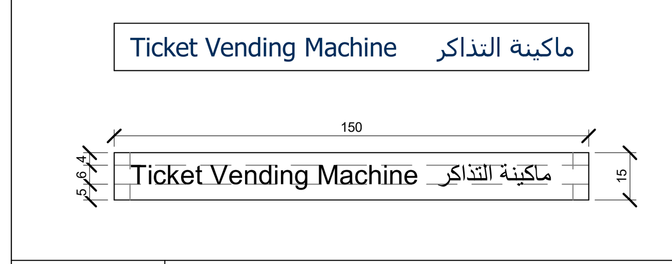
Size	900 x 125 (cm)	
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English text	4 cm	(Tahoma font)

05



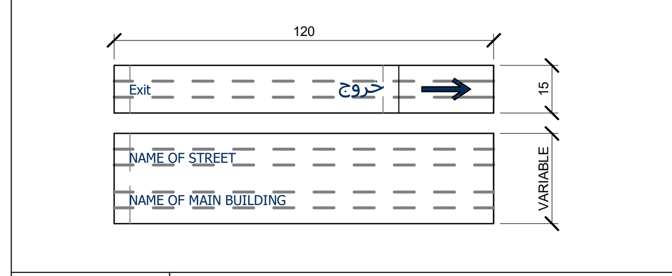
Size	120 x 15 (cm)	
Arabic text	6 cm	(Tahoma font)
English text	6 cm	(Tahoma font)

05'



Size	150 x 15 (cm)	
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English text	6 cm	(Tahoma font)

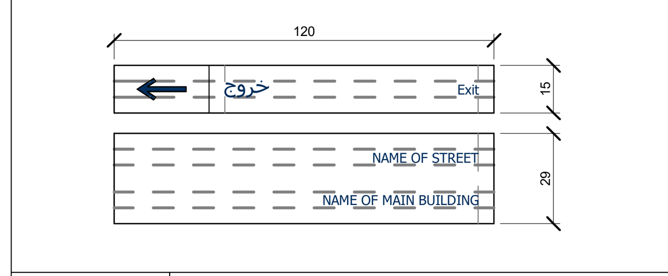
16



Size	120 x 15 (cm)	
Arabic text	5 cm	(Tahoma font)
English text	3 cm	(Tahoma font)

* FIXED ON WALL (A) OR POST SIGN (F) DEPENDING ON EACH STATION

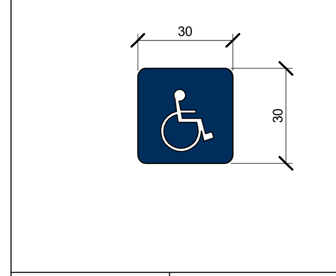
16'



Size	120 x 15 (cm)	
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English text	3 cm	(Tahoma font)

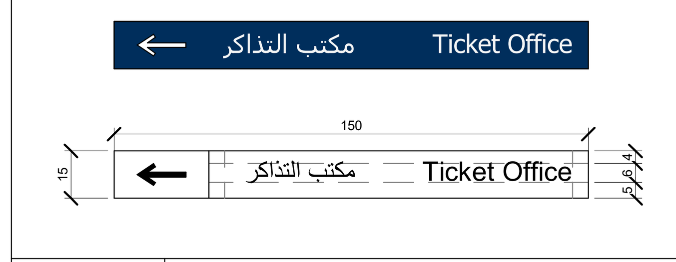
* FIXED ON WALL (A) OR POST SIGN (F) DEPENDING ON EACH STATION

20



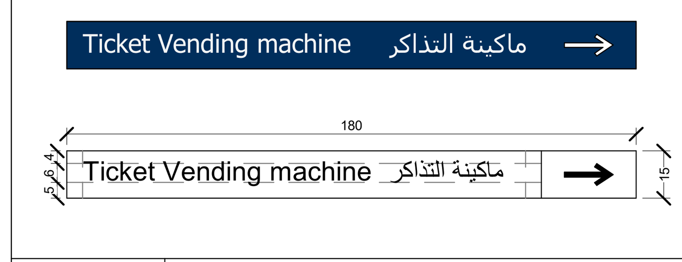
Size	30x30(cm)
Arabic text	not applicable
English text	not applicable

06



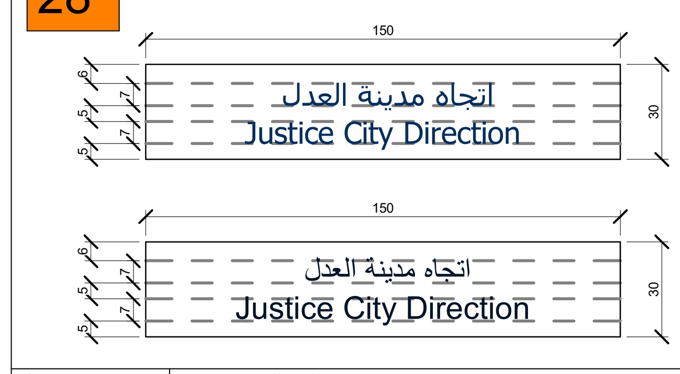
Size	150 x 15 (cm)	
Arabic text	6 cm	(Tahoma font)
English text	6 cm	(Tahoma font)

06'



Size	180 x 15 (cm)	
Arabic text	6 cm	(Tahoma font)
English text	6 cm	(Tahoma font)

28



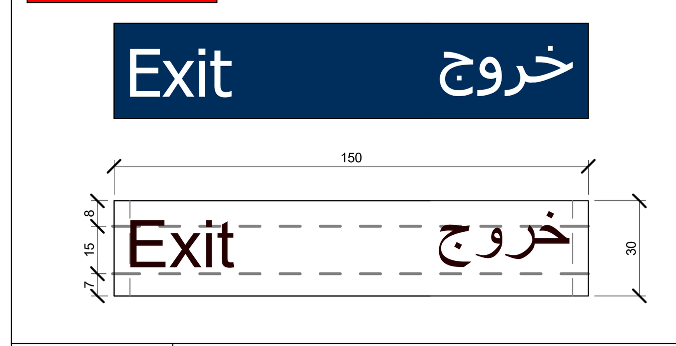
Size	150 x 30 (cm)	
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English text	7 cm	(Tahoma font)

29



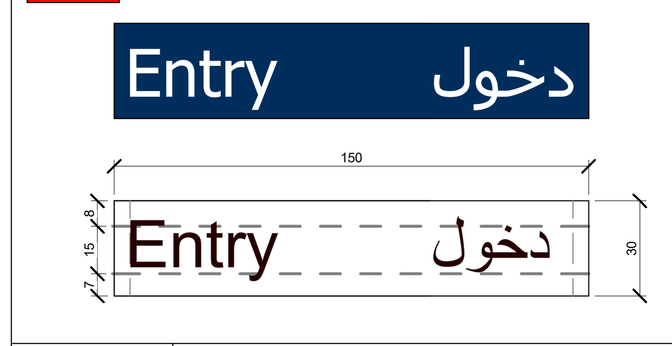
Size	150 x 30 (cm)	
Arabic text	7 cm	(Tahoma font)
English text	7 cm	(Tahoma font)

07 / 07'



Size	150 x 30 (cm)	
Arabic text	15 cm	(Tahoma font)
English text	15 cm	(Tahoma font)

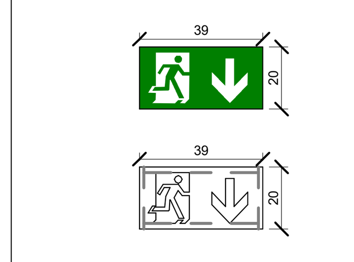
17



Size	150 x 30 (cm)	
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English text	15 cm	(Tahoma font)

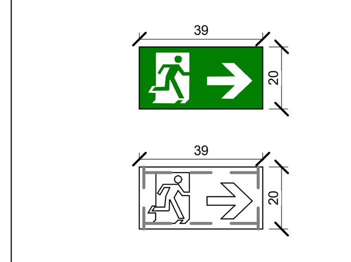
Emergency signs

30



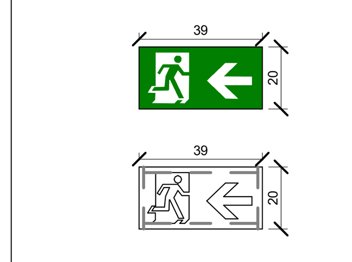
Size	39 x 20 (cm)

31



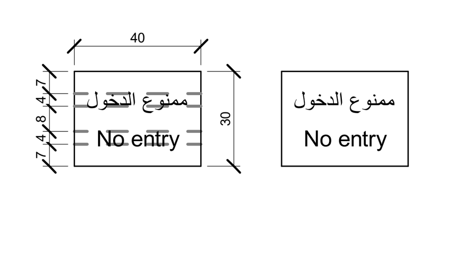
Size	39 x 20 (cm)

32



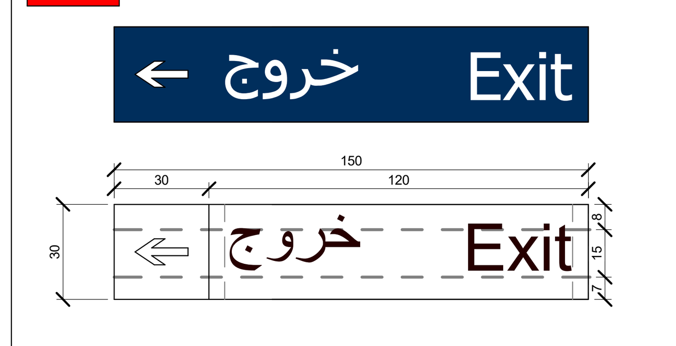
Size	39 x 20 (cm)

09



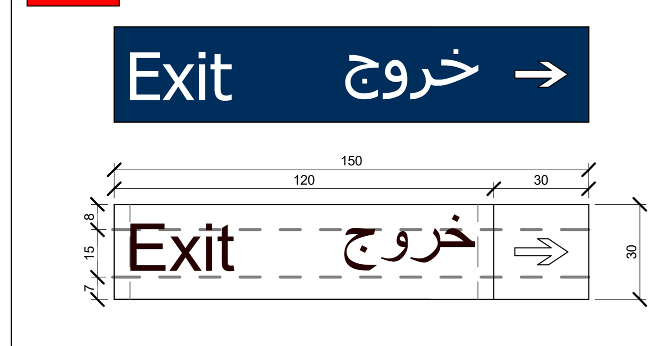
Size	40 x 30 (cm)	
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English text	4 cm	(Tahoma font)

27



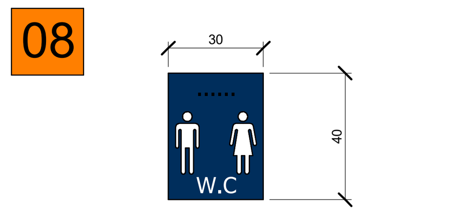
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English text	15 cm	(Tahoma font)

27'



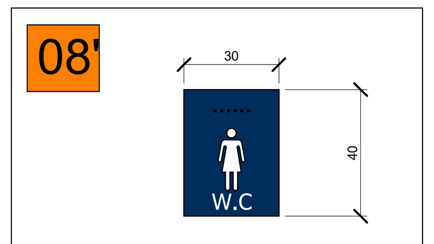
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English text	15 cm	(Tahoma font)

08



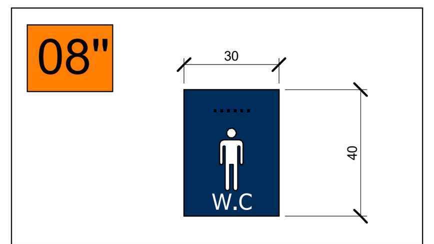
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English text	05 cm	(Tahoma font)

08'



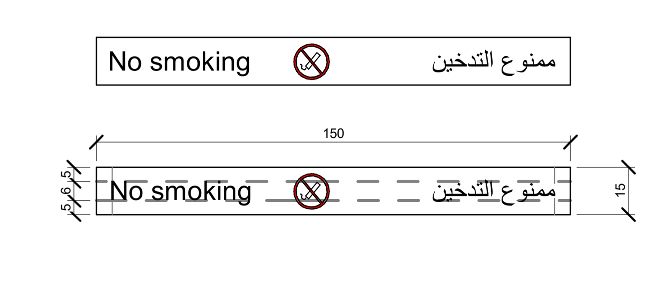
Size	30 x 40 (cm)	
Arabic text	05 cm	(Tahoma font)
English text	05 cm	(Tahoma font)

08"



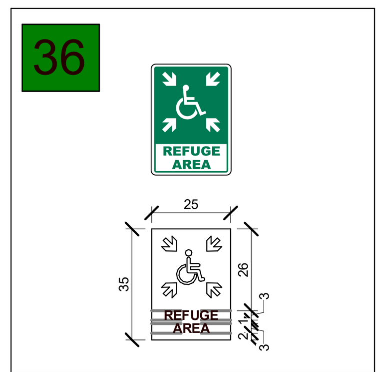
Size	30 x 40 (cm)	
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English text	05 cm	(Tahoma font)

10



Size	150 x 15 (cm)	
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English text	6 cm	(Tahoma font)

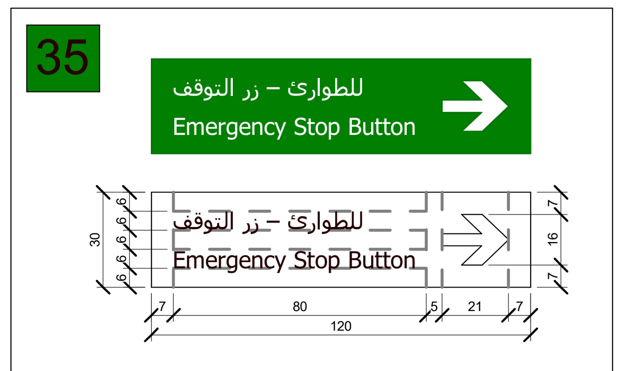
36



Size	35 x 25 (cm)
Arabic text	2 cm (Tahoma font)
English text	2 cm (Tahoma font)

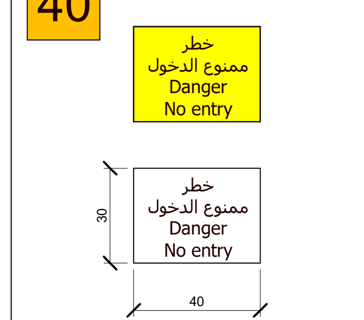
*REFUGE SIGN, FOR SYMBOL ALTERNATIVELY REFER TO THE NFPA 170 TABLE 4.2

35



Size	120 x 30 (cm)	
Arabic text	5 cm	(Tahoma font)
English text	5 cm	(Tahoma font)

40



Size	40 x 30 (cm)
Arabic text	4 cm (Tahoma font)
English text	4 cm (Tahoma font)

NOTE: FINAL TEXT SIGN TO BE CONFIRMED IN SHOPDRAWING STAGE

SYMBOLE	DESCRIPTION	HEIGHT
A	FIXED TO WALL WITH SINGLE SIDE TEXT	2.25 m (FROM FFL TO BOTTOM OF SIGNAL) 1.50 m WHEN IT IS LOCATED NEXT TO DOORS.
B	PROJECTED FROM WALL WITH DOUBLE SIDE TEXT	2.50 m (FROM FFL TO BOTTOM OF SIGNAL)
C	SUSPENDED WITH SINGLE SIDE TEXT	2.50 m (FROM FFL TO BOTTOM OF SIGNAL)
D	SUSPENDED WITH DOUBLE SIDE TEXT	2.50 m (FROM FFL TO BOTTOM OF SIGNAL)
F	POST SIGN WITH SINGLE SIDE TEXT	2.20 m (FROM FFL TO BOTTOM OF SIGNAL)
G	POST SIGN WITH DOUBLE SIDE TEXT	3.40 m (FROM FFL TO BOTTOM OF SIGNAL)
H	SINGLE SIDE TEXT FIXED TO DOORS	*Note: When two signals are installed, this height shall be used for the upper one. Space of 3 cm measured vertically shall be left between the two signals
I	DOUBLE POST SIGN WITH SINGLE SIDE TEXT	2.00 m (FROM FFL TO TOP OF SIGNAL)
L	SIGN WITH SINGLE SIDE TEXT FIXED TO HANDRAIL	0.80 m (FROM FFL TO TOP OF SIGNAL)

**E AND J NOT APPLICABLE IN THIS PROTOTYPE

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.
* SIGNAGE FONT SHALL BE USED FOR GUIDANCE AND ACTUAL FONT WILL BE SELECTED BY THE ORGANIZATION
* SIGNAGE STRATEGY WITH THE IDENTIFICATION PLATE ON EACH DOOR. PLEASE REFER TO 85095-CLOSED STATION PROTOTYPE 3. HARDWARE SET.
DOORS PROVIDED WITH PUSH BAR HAS TO BE PROVIDED WITH THE SIGN "IN EMERGENCY, PUSH TO OPEN" AS PER NFPA CODE 101
*ALL MEP ITEMS WHICH REQUIRES A FIRE SIGN, REFER TO THE MEP DRAWINGS FOR DETAILS.
*EMERGENCY SIGNS SYMBOLS SHOULD FOLLOW NFPA 170 TABLE 4.2

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
4	
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL & NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل MINISTRY OF TRANSPORT — The Authority

Hill International — Authority Consultant

ORASCOM CONSTRUCTION — The Arab Contractors — BOMBARDIER — Main Contractor

SENER — SHAKER CONSULTANCY GROUP — Designer

KEY PLAN :

ORIGINAL FORMAT : A1 — DATE : 2023/06/09

SCALE : As indicated

PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE : DETAILED DESIGN WAYFINDING WAYFINDING AND SIGNAGE CLOSED STATION PROTOTYPE 3.WAYFINDING SIGNALS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85320	A

DRAWING INDEX

SHEET NAME				DRAWING NUMBER						REVISION	
CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	ARCHITECTURE	DOORS AND WINDOWS SCHEDULE	CLOSED STATION PROTOTYPE 3.DOOR KEY PLAN	93M	0410	SEN	000PW	END	85080	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	DOORS AND WINDOWS SCHEDULE	CLOSED STATION PROTOTYPE 3.DOOR KEY PLAN AND ROLLER SHUTTER SCHEDULE	93M	0410	SEN	000PW	END	85081	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	DOORS AND WINDOWS SCHEDULE	CLOSED STATION PROTOTYPE 3.DOOR DETAILS	93M	0410	SEN	000PW	END	85082	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	DOORS AND WINDOWS SCHEDULE	CLOSED STATION PROTOTYPE 3.WINDOW & LOUVERS, DETAILS AND CARPENTRY SCHEDULE	93M	0410	SEN	000PW	END	85083	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	DOORS AND WINDOWS SCHEDULE	CLOSED STATION PROTOTYPE 3.DOOR SCHEDULE 1	93M	0410	SEN	000PW	END	85090	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	DOORS AND WINDOWS SCHEDULE	CLOSED STATION PROTOTYPE 3.DOOR SCHEDULE 2	93M	0410	SEN	000PW	END	85091	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	DOORS AND WINDOWS SCHEDULE	CLOSED STATION PROTOTYPE 3.HARDWARE SET	93M	0410	SEN	000PW	END	85095	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	DOORS AND WINDOWS SCHEDULE	CLOSED STATION PROTOTYPE 3.DRAWING LIST DOORS AND WINDOWS SCHEDULE	93M	0410	SEN	000PW	END	85321	A	2023/06/09

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
3	
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

وزارة النقل
MINISTRY OF TRANSPORT
The Authority

Hill International
Authority Consultant

ORASCOM CONSTRUCTION
The Arab Contractors
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE :

PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
DOORS AND WINDOWS SCHEDULE
CLOSED STATION PROTOTYPE 3.DRAWING LIST DOORS AND WINDOWS SCHEDULE

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M -	0410 -	SEN -	000PW -	END -	85321 -	A

DRAWING INDEX											
SHEET NAME				DRAWING NUMBER						REVISION	
CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.TRACK 0&M REFUGEE AREA DETAILS	93M	0410	SEN	000PW	END	85110	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.TRACK DETAILS	93M	0410	SEN	000PW	END	85111	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.PSD DETAILS	93M	0410	SEN	000PW	END	85120	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.STANDARD WALL DETAILS	93M	0410	SEN	000PW	END	85180	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.STANDARD WALL DETAILS	93M	0410	SEN	000PW	END	85181	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 1	93M	0410	SEN	000PW	END	85220	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 2	93M	0410	SEN	000PW	END	85221	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 3	93M	0410	SEN	000PW	END	85222	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 4	93M	0410	SEN	000PW	END	85223	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 5	93M	0410	SEN	000PW	END	85224	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.HANDRAIL DETAILS 6	93M	0410	SEN	000PW	END	85225	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.COLUMNS CLADDING DETAILS 1	93M	0410	SEN	000PW	END	85230	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.COLUMNS CLADDING DETAILS 2	93M	0410	SEN	000PW	END	85231	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.TURNSTILE DETAILS	93M	0410	SEN	000PW	END	85240	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.TURNSTILE DETAILS	93M	0410	SEN	000PW	END	85241	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.TOILET AREA DETAILS	93M	0410	SEN	000PW	END	85250	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.LADDER DETAILS	93M	0410	SEN	000PW	END	85262	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	GENERAL DETAILS	CLOSED STATION PROTOTYPE 3.DRAWING LIST GENERAL DETAILS	93M	0410	SEN	000PW	END	85322	A	2023/06/09

NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

The Authority

Hill International
Authority Consultant

Main Contractor

Designer

KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE :

PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
GENERAL DETAILS
CLOSED STATION PROTOTYPE 3.DRAWING LIST GENERAL DETAILS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85322	A

DRAWING INDEX											
SHEET NAME				DRAWING NUMBER						REVISION	
CHAPTER	SUBCHAPTER	PACKAGE SUBJECT	SHEET	PROJECT CODE	RUBRIC	INITIATOR	LOT	REF/SUB TYPE	NUMBER	REVISION	DATE
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.ESCALATOR CONCOURSE DETAILS	93M	0410	SEN	000PW	END	85130	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.ESCALATOR BRIDGE DETAILS	93M	0410	SEN	000PW	END	85131	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.ELEVATOR DETAILS	93M	0410	SEN	000PW	END	85140	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.STAIR & ESCALATOR ENCLOUSURE DETAILS	93M	0410	SEN	000PW	END	85149	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.STAIR DETAILS CONCOURSE	93M	0410	SEN	000PW	END	85150	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.STAIR ENCLOUSURE DETAILS	93M	0410	SEN	000PW	END	85151	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.STAIR DETAILS BRIDGE	93M	0410	SEN	000PW	END	85152	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.STAIR & ESCALATOR ENCLOUSURE DETAILS	93M	0410	SEN	000PW	END	85153	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.STAIR & ESCALATOR ENCLOUSURE DETAILS	93M	0410	SEN	000PW	END	85154	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.ACCESS BRIDGE ROOF DETAILS	93M	0410	SEN	000PW	END	85213	A	2023/06/09
DETAILED DESIGN	ARCHITECTURE	VERTICAL CIRCULATION	CLOSED STATION PROTOTYPE 3.DRAWING LIST VERTICAL CIRCULATION	93M	0410	SEN	000PW	END	85323	A	2023/06/09

NOTES :
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REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	93M-0410-SEN-000PW-END-85325
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6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
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MINISTRY OF TRANSPORT
The Authority

Hill International
Authority Consultant

ORASCOM CONSTRUCTION
BOMBARDIER
Main Contractor

SENER
SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

ORIGINAL FORMAT : A1
DATE : 2023/06/09
SCALE :
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
VERTICAL CIRCULATION
CLOSED STATION PROTOTYPE 3.DRAWING LIST VERTICAL CIRCULATION

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85323	A

ABBREVIATIONS

6	6OCT / 6OC	6TH October Monorail Line
A	ARC	Architectural
	AHU	Air Handing Unit
	AFG	Automatic Fare Gate
B	BLS	Blue Light System
	BMS	Building Management System
	BTC	Bombardier Transportation Cairo
	BIM	Building Information Modeling
C	CAP	Ceiling Access Panel
	CCTV	Closed-Circuit Television
	COM	Comunication
	CL	Centre line
	CWJV	Civil Works Joint Venture (Orascom and Arab contractors)
E	EER	Electric Equipment Room
F	F&LS	Fire and Life Safety
	FE	Fire Extinguisher
	FFL	Finished Floor Level
	FHC	Fire Hose Cabinet
	FR	Fire Rated
G	GWB	Guide Way Beam
H	HVAC	Heating, ventilations and air conditioning
I	INN	Alignment design company (Innova)
K	kg	Kilogram
L	LO	Louver
	LV	Low Voltage
M	m2	Square meter
	MDB	Main Distribution Board
	MEP	Mechanical Electrical and Plumbing
	MoM	Minutes of meeting
N	N/A	Not Applicable
	NAT	National Authority of Tunnels
	NCC	New Capital City monorail line
	NFPA	National Fire Protection Association, USA
	NTS	Not to Scale
	NFR	No fire rating
P	PA	Public Address
	PRM	Persons with Reduced Mobility
	PS&D	Power Supply and Distribution System
	PSD	Platform Screen Door
R	REV	Revision
S	SMO	Station Master Office
	STR	Structure
T	TBC	To be Confirmed
	TBD	To be Defined
	TPS	Transformer Power Room
	TOM	Ticket Office
	TVM	Ticketing Vending Machine
	TPS	Traction Power Substation
	THK	Thick
	TR	Transformer
U	UPS	Uninterruptible Power Supply
W	WC	Water Closet

REFERENCE MARKS

- 01.A — MAIN GRID
- 01.1.1A — SECONDARY GRID
- BEAM 1 TRACK B — TRACK CENTRE LINE
- 0.000m XXX-NN-LevelN — LEVELS
- A 00000 — SECTION MARK
- A 00000 — ELEVATION MARK
- A 00000 — DETAIL CALLOUT
- A — REVISION CLOUD & NUMBER
- INTERFACE WITH ALIGNMENT LINE 1 — INTERFACE WITH ALIGNMENT
- +0.00 — LEVEL (ELEVATIONS / SECTIONS)
- +0.00 — LEVEL (FLOOR PLANS)

FINISHES LEGEND

- 115 — ROOM NUMBER
- ITS — ROOM NAME
- 0.00 m² — ROOM AREA
- S — SKIRTING
- C — CEILING
- W — WALL FINISHES
- F — FLOOR FINISHES

- 100MM HOLLOW / SOLID BLOCKWALL
- 120MM HOLLOW / SOLID BLOCKWALL
- 200MM HOLLOW / SOLID BLOCKWALL
- 250MM HOLLOW / SOLID BLOCKWALL
- 200MM SOLID BLOCKWALL
- 200MM EXTERNAL SOLID BLOCK
- HIGH PRESSURE LAMINATED WALL
- POLYCARBONATE
- TRANSPARENT / OPAQUE DOUBLE GLAZING

FIRE & LIFE SAFETY LEGEND

- ESCAPE ROUTE
- RA (REFUGE AREA)
- WALL FIRE RESISTANT 1h
- WALL FIRE RESISTANT 2h
- WALL FIRE RESISTANT 2h UP TO 2.3m.
- FIRE EXTINGUISHER
- FR-? — FIRE RATED DOOR / WINDOW / ACCESS PANEL
- PRM REFUGE POINT
- FIRE HOSE CABINET (FHC)

OPENINGS (IN PLAN)

- SINGLE DOOR
- DOUBLE DOOR
- SKYLIGHT OPENING
- ROLLER SHUTTER
- ACCESS PANELS (AP) (PLAN)
- OPENINGS / SHAFTS (PLAN, ELEVATION, SECTION)

FLOORING

- STAIR/ RAMP/ ESCALATOR ARROW IN "UP" DIRECTION
- 2% MAX — DIRECTION OF SLOPE IN DOWN DIRECTION
- DRAINAGE TRENCH
- FLOOR DRAIN POINT

CEILING/FLOORING

- S.O.P (STARTING OFF POINT)
- CEILING HEIGHT CHANGE

FURNITURE

- ELECTRICAL EQUIPMENTS
- BENCHES
- BIN

EQUIPMENT

- MONORAIL
- FREIGHT ELEVATOR

PLUMBING FIXTURES

- BASIN
- FIRST AID SINK
- WC
- PRM WC
- CLEANER SINK
- FLOOR DRAIN

OTHERS

- PRM
- FIXED LADDER (PLAN VIEW)

NOTES :

01.- LINEAR DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
02.- SURVEY LEVELS, CHAINAGES AND COORDINATES ARE IN METERS UNLESS OTHERWISE STATED.
03.- THIS DRAWING MUST BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND REPORTS.
04.- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, LEVELS AND ANY CONTENT OF THIS DRAWINGS PACKAGE BEFORE WORKS START AND BEFORE ORDERING OR FABRICATING ANY MATERIAL, AND SHALL NOTIFY ANY DISCREPANCY OR DOUBT TO THE DESIGNER.

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85325
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SENER — SHAKER CONSULTANCY GROUP
Designer

KEY PLAN :

ORIGINAL FORMAT : A1 | DATE : 2023/06/09
SCALE : 1 : 100
PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
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DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.ABBREVIATIONS AND SYMBOLS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85324	A

BMS	
DRAWING LIST	93M-0620-SHK-000PW-DDG-31621
GROUND LEVEL	93M-0620-SHK-000PW-DDG-31622
CONCOURSE LEVEL	93M-0620-SHK-000PW-DDG-31623
ROOF LEVEL	93M-0620-SHK-000PW-DDG-31624
PLATFORM LEVEL	93M-0620-SHK-000PW-DDG-31625
CONTROL DIAGRAM	93M-0620-SHK-000PW-DDG-31626
CONTROL RISER DAIGRAM	93M-0620-SHK-000PW-DDG-31627
MOTOR CONTROL CENTER DETAILS	93M-0620-SHK-000PW-DDG-31628
MOTOR CONTROL CENTER SINGLE LINE DIAGRAM	93M-0620-SHK-000PW-DDG-31629
SCHEDULE OF POINTS	93M-0620-SHK-000PW-DDG-31620
INTERFACE POINTS LIST	93M-0620-SHK-000PW-DDG-31631
INSTALLATION DETAILES 01	93M-0620-SHK-000PW-DDG-31632
INSTALLATION DETAILES 02	93M-0620-SHK-000PW-DDG-31633
CABLES AND CABLE TRUNK DETAILS	93M-0620-SHK-000PW-DDG-31634

ELECTRICAL	
DRAWING LIST	93M-0501-SHK-000PW-DDG-31501
LEGEND	93M-0501-SHK-000PW-DDG-31502
LIGHTING FIXTURE	93M-0501-SHK-000PW-DDG-31503
CONCOURSE LEVEL	93M-0501-SHK-000PW-DDG-31504
PLATFORM LEVEL	93M-0501-SHK-000PW-DDG-31505
ROOF LEVEL	93M-0501-SHK-000PW-DDG-31506
GROUND LEVEL	93M-0501-SHK-000PW-DDG-31507
CONCOURSE CEILLING LEVEL	93M-0501-SHK-000PW-DDG-31508
PLATFORM LEVEL	93M-0501-SHK-000PW-DDG-31509
ROOF LEVEL	93M-0501-SHK-000PW-DDG-31510
CONCOURSE LEVEL	93M-0501-SHK-000PW-DDG-31511
GROUND LEVEL	93M-0501-SHK-000PW-DDG-31512
CONCOURSE LEVEL	93M-0501-SHK-000PW-DDG-31513
PLATFORM LEVEL	93M-0501-SHK-000PW-DDG-31514
ROOF LEVEL	93M-0501-SHK-000PW-DDG-31515
GROUND LEVEL	93M-0501-SHK-000PW-DDG-31516
CONCOURSE LEVEL	93M-0501-SHK-000PW-DDG-31517
ROOF LEVEL	93M-0501-SHK-000PW-DDG-31518
POWER SINGLE LINE DIAGRAM	93M-0501-SHK-000PW-DDG-31519
CENTRAL BATTERY RISER DIAGRAM	93M-0501-SHK-000PW-DDG-31520
ELECTRICAL INSTALLATION DETAILS -1	93M-0501-SHK-000PW-DDG-31521
ELECTRICAL INSTALLATION DETAILS -2	93M-0501-SHK-000PW-DDG-31522
ELECTRICAL INSTALLATION DETAILS -3	93M-0501-SHK-000PW-DDG-31523
FEEDER DATA SCHEDULE	93M-0501-SHK-000PW-DDG-31524
PANEL SCHEDULE-1	93M-0501-SHK-000PW-DDG-31525
PANEL SCHEDULE-2	93M-0501-SHK-000PW-DDG-31526
PANEL SCHEDULE-3	93M-0501-SHK-000PW-DDG-31527
RISER POWER DIAGRAM	93M-0501-SHK-000PW-DDG-31528
PLATFORM LEVEL	93M-0501-SHK-000PW-DDG-31529
CONCOURSE UNDER RAISED FLOOR AND TRENCH	93M-0501-SHK-000PW-DDG-31530
PLATFORM LEVEL	93M-0501-SHK-000PW-DDG-31531
ROOF LEVEL	93M-0501-SHK-000PW-DDG-31532
CABLE CONTAINMENT DETAILS 1	93M-0501-SHK-000PW-DDG-31533
CABLE CONTAINMENT DETAILS 2	93M-0501-SHK-000PW-DDG-31534
EARTHING RISER	93M-0501-SHK-000PW-DDG-31535
GROUND LEVEL	93M-0501-SHK-000PW-DDG-31536

FIREFIGHTING	
FIREFIGHTING DRAWING LIST	93M-0450-SHK-000PW-DDG-31451
FIREFIGHTING GROUND FLOOR LEVEL	93M-0450-SHK-000PW-DDG-31455
FIREFIGHTING CONCOURSE LEVEL (BELOW CEILING)	93M-0450-SHK-000PW-DDG-31456
FIREFIGHTING CONCORSE LEVEL (ABOVE CEILING)	93M-0450-SHK-000PW-DDG-31457
FIREFIGHTING PLATFORM LEVEL	93M-0450-SHK-000PW-DDG-31458
FIREFIGHTING FM-200 FIRE SUPPRESSION SYSTEM SH-1	93M-0450-SHK-000PW-DDG-31459
FIREFIGHTING FM-200 FIRE SUPPRESSION SYSTEM SH-2	93M-0450-SHK-000PW-DDG-31460
FIREFIGHTING FIREFIGHTING TANK & PUMP ROOM DETAILS	93M-0450-SHK-000PW-DDG-31461
FIREFIGHTING FIRE WATER PUMPS SCHEDULES	93M-0450-SHK-000PW-DDG-31462
FIREFIGHTING FIREFIGHTING RISER DIAGRAM	93M-0450-SHK-000PW-DDG-31463

HVAC	
DRAWING LIST	93M-0535-SHK-000PW-DDG-31531
GROUND LEVEL	93M-0535-SHK-000PW-DDG-31532
CONCOURSE LEVEL	93M-0535-SHK-000PW-DDG-31533
MEZZANINE LEVEL	93M-0535-SHK-000PW-DDG-31534
PLATFORM LEVEL	93M-0535-SHK-000PW-DDG-31535
ROOF LEVEL	93M-0535-SHK-000PW-DDG-31536
SECTIONS 1	93M-0535-SHK-000PW-DDG-31537
SECTIONS 2	93M-0535-SHK-000PW-DDG-31538
EQUIPMENT SCHEDULE	93M-0535-SHK-000PW-DDG-31539
HVAC LEGEND AND GENERAL NOTES	93M-0535-SHK-000PW-DDG-31540

LOW CURRENT	
DRAWING LIST	93M-0600-SHK-000PW-DDG-31601
CONCOURSE LEVEL	93M-0600-SHK-000PW-DDG-31614
PLATFORM LEVEL	93M-0600-SHK-000PW-DDG-31615
CONCOURSE LEVEL	93M-0600-SHK-000PW-DDG-31616
PLATFORM LEVEL	93M-0600-SHK-000PW-DDG-31617
CONCOURSE LEVEL	93M-0600-SHK-000PW-DDG-31618
PLATFORM LEVEL	93M-0600-SHK-000PW-DDG-31619
CONCOURSE LEVEL	93M-0600-SHK-000PW-DDG-31620
PLATFORM LEVEL	93M-0600-SHK-000PW-DDG-31621
GROUND LEVEL	93M-0600-SHK-000PW-DDG-31623
ROOF LEVEL	93M-0600-SHK-000PW-DDG-31624
CONCOURSE LEVEL	93M-0600-SHK-000PW-DDG-31625
PLATFORM LEVEL	93M-0600-SHK-000PW-DDG-31626
ROOF LEVEL	93M-0600-SHK-000PW-DDG-31627

PLUMBING	
DRAWING LIST	93M-0540-SHK-000PW-DDG-31541
GENERAL NOTES, LEGEND & ABBREVIATIONS	93M-0540-SHK-000PW-DDG-31542
MISCELLANEOUS DETAILS	93M-0540-SHK-000PW-DDG-31543
GROUND LEVEL	93M-0540-SHK-000PW-DDG-31544
CONCOURSE LEVEL	93M-0540-SHK-000PW-DDG-31545
PLATFORM LEVEL	93M-0540-SHK-000PW-DDG-31546
GROUND LEVEL	93M-0540-SHK-000PW-DDG-31547
CONCOURSE LEVEL	93M-0540-SHK-000PW-DDG-31548
PLATFORM LEVEL	93M-0540-SHK-000PW-DDG-31549
ROOF LEVEL	93M-0540-SHK-000PW-DDG-31550
TOILET DETAILS	93M-0540-SHK-000PW-DDG-31551
TOILET DETAILS	93M-0540-SHK-000PW-DDG-31552
FIRE AND DOMESTIC WATER PUMPS SCHEDULES	93M-0540-SHK-000PW-DDG-31553
WATER TANK & PUMP ROOM DETAILS	93M-0540-SHK-000PW-DDG-31554
WATER TANK&PUMP ROOM SECTIONS	93M-0540-SHK-000PW-DDG-31555
ROOF LEVEL	93M-0540-SHK-000PW-DDG-31556

STRUCTURE	
PIERS & PIERSCAPS. B1. GENERAL DEFINITION	93M-0471-SEN-000PW-END-53200
PIERS & PIERSCAPS. B2 TO B5. GENERAL DEFINITION	93M-0471-SEN-000PW-END-53210
PIERS & PIERSCAPS. B6. GENERAL DEFINITION	93M-0471-SEN-000PW-END-53220
CONCOURSE LEVEL. PART PLAN. GEOMETRY (I)	93M-0403-SEN-000PW-END-53305
CONCOURSE LEVEL. TPS ZONE (I)	93M-0403-SEN-000PW-END-53308
CONCOURSE LEVEL. MEZZANINE FOR EQUIPMENTS (I)	93M-0407-SEN-000PW-END-53309
CONCOURSE LEVEL. MEZZANINE FOR EQUIPMENTS (II)	93M-0407-SEN-000PW-END-53309
CONCOURSE. EMERGENCY WALKWAYS. AXIS A. STEEL	93M-0407-SEN-000PW-END-53380
CONCOURSE. EMERGENCY WALKWAYS. AXIS A. SLAB	93M-0407-SEN-000PW-END-53380
CONCOURSE. EMERGENCY WALKWAYS. AXIS C. STEEL	93M-0407-SEN-000PW-END-53381
CONCOURSE. EMERGENCY WALKWAYS. AXIS C. SLAB	93M-0407-SEN-000PW-END-53381
CONCOURSE. EMERGENCY WALKWAYS. AXIS 1. STEEL	93M-0407-SEN-000PW-END-53382
CONCOURSE. EMERGENCY WALKWAYS. AXIS 1. SLAB	93M-0407-SEN-000PW-END-53382
CONCOURSE. EMERGENCY WALKWAYS. AXIS 6. STEEL	93M-0407-SEN-000PW-END-53383
CONCOURSE. EMERGENCY WALKWAYS. AXIS 6. SLAB	93M-0407-SEN-000PW-END-53383
CONCOURSE. EMERGENCY WALKWAYS. AXIS A & C. DETAILS (I) - (VII)	93M-0407-SEN-000PW-END-53384
CONCOURSE. EMERGENCY WALKWAYS. AXIS 1 & 6. DETAILS (I) - (VI)	93M-0407-SEN-000PW-END-53385
CONCOURSE LEVEL. BLOCKWORK WALLS. STRUCTURAL SUPPORT & DETAILS (I) - (V)	93M-0407-SEN-000PW-END-53393
CONCOURSE LEVEL. BLOCKWORK WALLS. STARTER BARS	93M-0403-SEN-000PW-END-53394
CONCOURSE. BLOCKWORK WALLS	93M-0403-SEN-000PW-END-53395
CONCOURSE. BLOCKWORK WALLS. STRUCTURAL GEOM. (I) - (IV)	93M-0403-SEN-000PW-END-53396
CONCOURSE. BLOCKWORK WALLS. DETAILS	93M-0403-SEN-000PW-END-53397
CONCOURSE. BLOCKWORK WALLS. REINFORCEMENT	93M-0404-SEN-000PW-END-53398
PLATFORM LEVEL. GENERAL PLAN. GEOMETRY	93M-0403-SEN-000PW-END-53400
PLATFORM LEVEL. PART PLAN. GEOMETRY (I) - (II)	93M-0403-SEN-000PW-END-53405 - 53406
PLATFORM LEVEL. GENERAL SECTIONS. GEOMETRY	93M-0403-SEN-000PW-END-53407
PLATFORM. GENERAL. PRECAST LONGITUDINAL BEAMS	93M-0403-SEN-000PW-END-53445
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE C1	93M-0409-SEN-000PW-END-53451
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE C2	93M-0409-SEN-000PW-END-53451
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE C3	93M-0409-SEN-000PW-END-53451
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE C4	93M-0409-SEN-000PW-END-53451
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE C5	93M-0409-SEN-000PW-END-53451
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE D1	93M-0409-SEN-000PW-END-53452
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE D2	93M-0409-SEN-000PW-END-53452
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE D3	93M-0409-SEN-000PW-END-53452
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE D4	93M-0409-SEN-000PW-END-53452
PLATFORM. LONG. BEAMS. GEOMETRY. TYPE D5	93M-0409-SEN-000PW-END-53452
PLATFORM. LONG. BEAMS. REINFORCEMENT. TYPE C1, C2, C3, C4, C5	93M-0404-SEN-000PW-END-53455
PLATFORM. LONG. BEAMS. REINFORCEMENT. TYPE D1, D2, D3, D4, D5	93M-0404-SEN-000PW-END-53456
PLATFORM LEVEL. PEDESTALS DETAILS AND REINFORCEMENT (I) - (VI)	93M-0403-SEN-000PW-END-53458
DUCTS THROUGH BEAMS. PLATFORM LEVEL	93M-0403-SEN-000PW-END-53459
PLATFORM. HOLLOW SLABS. GEOM. & REINF. (I) - (IV)	93M-0403-SEN-000PW-END-53460
PLATFORM LEVEL. HOLLOW SLABS. HANGERS DISTRIBUTION	93M-0403-SEN-000PW-END-53460
PLATFORM LEVEL. HOLLOW SLABS. SECTIONS	93M-0403-SEN-000PW-END-53460
PLATFORM LEVEL. HOLLOW SLAB. PED DOORS	93M-0403-SEN-000PW-END-53460
PLATFORM LEVEL. HOLLOW CORE SLAB STRUCTURAL SUPPORT (I) - (II)	93M-0407-SEN-000PW-END-53462
PLATFORM LEVEL. HOLLOW SLABS ROOF. GEOM. & REINF. (I) - (II)	93M-0403-SEN-000PW-END-53470
ROOF LEVEL. 3D VIEW AND GENERAL PLAN (I) - (II)	93M-0407-SEN-000PW-END-53500-53501
ROOF LEVEL. GENERAL PLAN (I)	93M-0407-SEN-000PW-END-53502
ROOF LEVEL. PURLIN	93M-0407-SEN-000PW-END-53510
ROOF LEVEL. LONGITUDINAL SECTION (I) - (II)	93M-0407-SEN-000PW-END-53520 - 53521
ROOF LEVEL. TRANSVERSAL SECTION (I) - (IV)	93M-0407-SEN-000PW-END-53540 - 53543
ROOF LEVEL. 3D VIEW AND DETAILS LOCATION (I) - (II)	93M-0407-SEN-000PW-END-53549
ROOF LEVEL. GENERIC DETAILS (I) - (XVI)	93M-0407-SEN-000PW-END-53550 - 53564
PLATFORM LEVEL. PIERCAPS. AXIS 1 AND 6. GEOMETRY	93M-0409-SEN-000PW-END-53928
PLATFORM LEVEL. PIERCAPS. AXIS 2 TO 5. GEOMETRY	93M-0409-SEN-000PW-END-53929
PLATFORM. PIERCAPS EXT. AXIS 1 & 6. POST-TENSION	93M-0409-SEN-000PW-END-53930
PLATFORM. PIERCAPS EXT. AXIS 2 TO 5. POST-TENSION	93M-0409-SEN-000PW-END-53931
PLATFORM. PIERCAPS AXIS 1 AND 6. REINFORCEMENT.	93M-0409-SEN-000PW-END-53932
PLATFORM PIERCAPS AXIS 1 AND 6 REINFORCEMENT. DETAILS	93M-0409-SEN-000PW-END-53933
PLATFORM. PIERCAPS AXIS 2 TO 5. REINFORCEMENT.	93M-0409-SEN-000PW-END-53934
PLATFORM PIERCAPS AXIS 2 TO 5 REINFORCEMENT. DETAILS	93M-0409-SEN-000PW-END-53935
PLATFORM. PIERCAPS AXIS 1 AND 6. ANCHORAGE. IN SITU	93M-0409-SEN-000PW-END-53936
PLATFORM. PIERCAPS AXIS 2 TO 5. ANCHORAGE. IN SITU	93M-0409-SEN-000PW-END-53936

STRUCTURE	
ROOF LEVEL. 3D VIEW AND GENERAL PLAN 1	93M-0407-SEN-000PW-END-53500
ROOF LEVEL. 3D VIEW AND GENERAL PLAN 2	93M-0407-SEN-000PW-END-53501
ROOF LEVEL. GENERAL PLAN	93M-0407-SEN-000PW-END-53502
ROOF LEVEL. PURLIN	93M-0407-SEN-000PW-END-53510
ROOF LEVEL. LONGITUDINAL SECTION 1	93M-0407-SEN-000PW-END-53520
ROOF LEVEL. LONGITUDINAL SECTION 2	93M-0407-SEN-000PW-END-53521
ROOF LEVEL. TRANSVERSAL SECTION 1	93M-0407-SEN-000PW-END-53540
ROOF LEVEL. TRANSVERSAL SECTION 2	93M-0407-SEN-000PW-END-53541
ROOF LEVEL. TRANSVERSAL SECTION 3	93M-0407-SEN-000PW-END-53542
ROOF LEVEL. TRANSVERSAL SECTION 4	93M-0407-SEN-000PW-END-53543
ROOF LEVEL. TRANSVERSAL SECTION 5	93M-0407-SEN-000PW-END-53544
ROOF LEVEL. GENERIC DETAILS (I)	93M-0407-SEN-000PW-END-53550
ROOF LEVEL. GENERIC DETAILS (II)	93M-0407-SEN-000PW-END-53551
ROOF LEVEL. GENERIC DETAILS (III)	93M-0407-SEN-000PW-END-53552
ROOF LEVEL. GENERIC DETAILS (IV)	93M-0407-SEN-000PW-END-53553
ROOF LEVEL. GENERIC DETAILS (V)	93M-0407-SEN-000PW-END-53554
ROOF LEVEL. GENERIC DETAILS (VI)	93M-0407-SEN-000PW-END-53555
ROOF LEVEL. GENERIC DETAILS (VII)	93M-0407-SEN-000PW-END-53556
ROOF LEVEL. GENERIC DETAILS (VIII)	93M-0407-SEN-000PW-END-53557
ROOF LEVEL. GENERIC DETAILS (IX)	93M-0407-SEN-000PW-END-53558
ROOF LEVEL. GENERIC DETAILS (X)	93M-0407-SEN-000PW-END-53559
ROOF LEVEL. GENERIC DETAILS (XI)	93M-0407-SEN-000PW-END-53560
ROOF LEVEL. GENERIC DETAILS (XII)	93M-0407-SEN-000PW-END-53561
ROOF LEVEL. GENERIC DETAILS (XIII)	93M-0407-SEN-000PW-END-53562
ROOF LEVEL. GENERIC DETAILS (XIV)	93M-0407-SEN-000PW-END-53563
ROOF LEVEL. GENERIC DETAILS (XV)	93M-0407-SEN-000PW-END-53564
ROOF LEVEL. GENERIC DETAILS (XVI)	93M-0407-SEN-000PW-END-53565
ROOF LEVEL. GENERIC DETAILS (XVII)	93M-0407-SEN-000PW-END-53566

COORDINATION	
DRAWING LIST	93M-0250-SHK-000PW-DDG-31001
CONCOURSE LEVEL	93M-0250-SHK-000PW-DDG-31002
PLATFORM LEVEL	93M-0250-SHK-000PW-DDG-31003
SECTION 01	93M-0250-SHK-000PW-DDG-31004
SECTION 02	93M-0250-SHK-000PW-DDG-31005
SECTION 03	93M-0250-SHK-000PW-DDG-31006
SECTION 04	93M-0250-SHK-000PW-DDG-31007
SECTION 05	93M-0250-SHK-000PW-DDG-31008
SECTION 06	93M-0250-SHK-000PW-DDG-31009
SECTION 07	93M-0250-SHK-000PW-DDG-31010
SECTION 08	93M-0250-SHK-000PW-DDG-31011
SECTION 09 & 10	93M-0250-SHK-000PW-DDG-31012
CONCOURSE LEVEL - BELOW RISED FLOOR (EER)	93M-0250-SHK-000PW-DDG-31013
REFERENCE DRAWING LIST	93M-0250-SHK-000PW-DDG-31014
INFRA	93M-0250-SHK-000PW-DDG-31015
GROUND LEVEL	93M-0250-SHK-000PW-DDG-31016
ROOF LEVEL	93M-0250-SHK-000PW-DDG-31017
SECTION 11 - SMO	93M-0250-SHK-000PW-DDG-31018
BRAKE RESISTOR - LAYOUT	93M-0250-SHK-000PW-DDG-31019
BRAKE RESISTOR - SECTION 12	93M-0250-SHK-000PW-DDG-31020
SYMBOLS - ABBREVIATIONS	93M-0250-SHK-000PW-DDG-31021

INTERFACE CONTROL DOCUMENT - MAIN REFERENCES

ICD 02	DOCUMENT (LTE – CIVIL WORKS AT STATIONS, DEPOT & WAYSIDE)	93M-0602-B21-000PW-ICD-00002
ICD 25	PS&D POWER SUBSTATION	93M-0501-B13-000PW-ICD-00003
ICD 26	CIVIL WORKS AT STATIONS – SIGNALLING	93M-0913-BOA-000PW-ICD-00026
ICD 37	PS&D - POWER SYSTEM - ELECTRICAL SUPPLY AUTHORITY	93M-0501-B13-000PW-ICD-00006
ICD 54	INTERFACE CONTROL DOCUMENT BLUE LIGHT STATION	93M-0913-BOA-000PW-ICD-00054
ICD 08	BLUE LIGHT STATION	93M-0501-B13-NC000-ICD-00008
ICD 111	PS&D INTERFACE CONTROL DOCUMENT BLUE LIGHT STATION	93M-0501-B13-000PW-ICD-0000
ICD 102	AFC CIVIL	93M-0913-BTC-000PW-ICD-00045
ICD 27	COM – CIVIL WORKS AT STATIONS AND DEPOT	93M-0913-BOA-000PW-ICD-00027
ICD 29	PLATFORM SCREEN DOORS CIVIL WORKS	93M-1250-B11-000PW-ICD-00003

ARCHITECTURAL REFERENCES:
DETAIL DESIGN REFERENCE REPORTS FOR CLOSED STATION

Fire&Life Safety Report	93M-0410-SEN-000PW-SRP-85001
ARC Report	93M-0410-SEN-000PW-ERP-85001

Wayfinding and Signage Report for Station Prototype 3	93M-0410-SEN-000PW-ERP-85002
Sizing Report Station Prototype 3	93M-0410-SEN-000PW-ERP-03003

SIMULATION DOC REFERENCES

STATIONS 01 NCC - FUNCTIONAL - PLATFORM LEVEL	93M-0410-SEN-NC001-3DM-03001
STATIONS 01 NCC - FUNCTIONAL - CONCOURSE LEVEL	93M-0410-SEN-NC001-3DM-00002
STATIONS 03 NCC - EVACUATION - PLATFORM LEVEL	93M-0410-SEN-NC003-3DM-03001
STATIONS 03 NCC - EVACUATION - CONCOURSE LEVEL	93M-0410-SEN-NC003-3DM-03002
STATIONS 03 NCC - FUNCTIONAL - PLATFORM LEVEL	93M-0410-SEN-NC003-3DM-03003
STATIONS 03 NCC - FUNCTIONAL - CONCOURSE LEVEL	93M-0410-SEN-NC003-3DM-03004

NOTES :
* ALL LEVEL DIMENSIONS ARE IN METERS & ALL PLAN AND SECTION DIMENSIONS ARE IN MILLIMETERS, UNLESS STATED OTHERWISE.
* DISTANCE BETWEEN TRACKS AT THE STATIONS SHALL ALLOW THE INSTALLATION OF TURNOUTS.
* MEP AND VERTICAL TRANSPORTATION EQUIPMENT SHOWN IN ARCHITECTURE DWG, ONLY FOR REFERENCE.
* LEVELS ARE FOR REFERENCE ONLY, THEY HAVE TO BE ADJUSTED FOR EACH SITE LOCATION.
* ALL DRAWINGS, DETAILS AND ACCESORIES TO BE DEVELOPED FURTHER BY SUPPLIER SPECIALIST IN SHOPDRAWING PHASE.

REFERENCE DRAWINGS :

1	93M-0410-SEN-000PW-END-85324
2	
3	
4	
5	
6	
7	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL &
NEW CAPITAL CITY RAIL TRANSIT MONORAIL

The Authority

Hill International
Authority Consultant

Main Contractor

Designer

KEY PLAN :

ORIGINAL FORMAT : A1

DATE : 2023/06/09

SCALE : 1 : 1

PURPOSE OF ISSUE : FOR APPROVAL

REV.	DATE	DSG.	CHK.	APP.	AMENDMENTS
A	2023/06/09	C.M.A.	M.E.G.	A.V.T.	FOR APPROVAL

DRAWING TITLE :
DETAILED DESIGN
ARCHITECTURE
STATION PLANS
CLOSED STATION PROTOTYPE 3.REFERENCE DRAWINGS

Page: 1 of 1

Project Code	Rubric	Initiator	Lot	Sub. Type	Number	Revision
93M	0410	SEN	000PW	END	85325	A